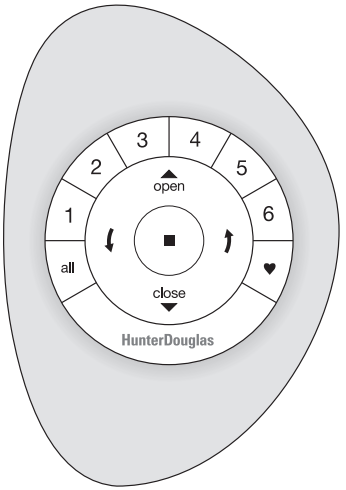
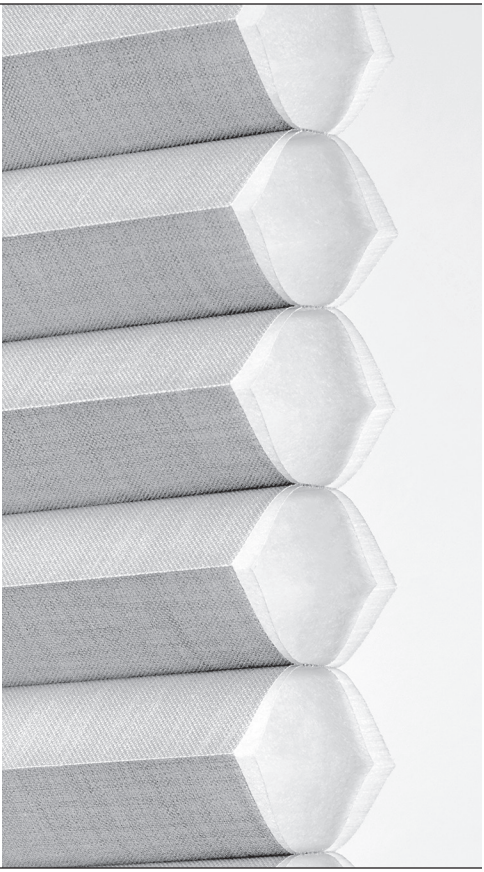
HunterDouglas

Installation • Operation • Care





Duette® and Applause® Honeycomb Shades

PowerView® Motorization

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Questions?
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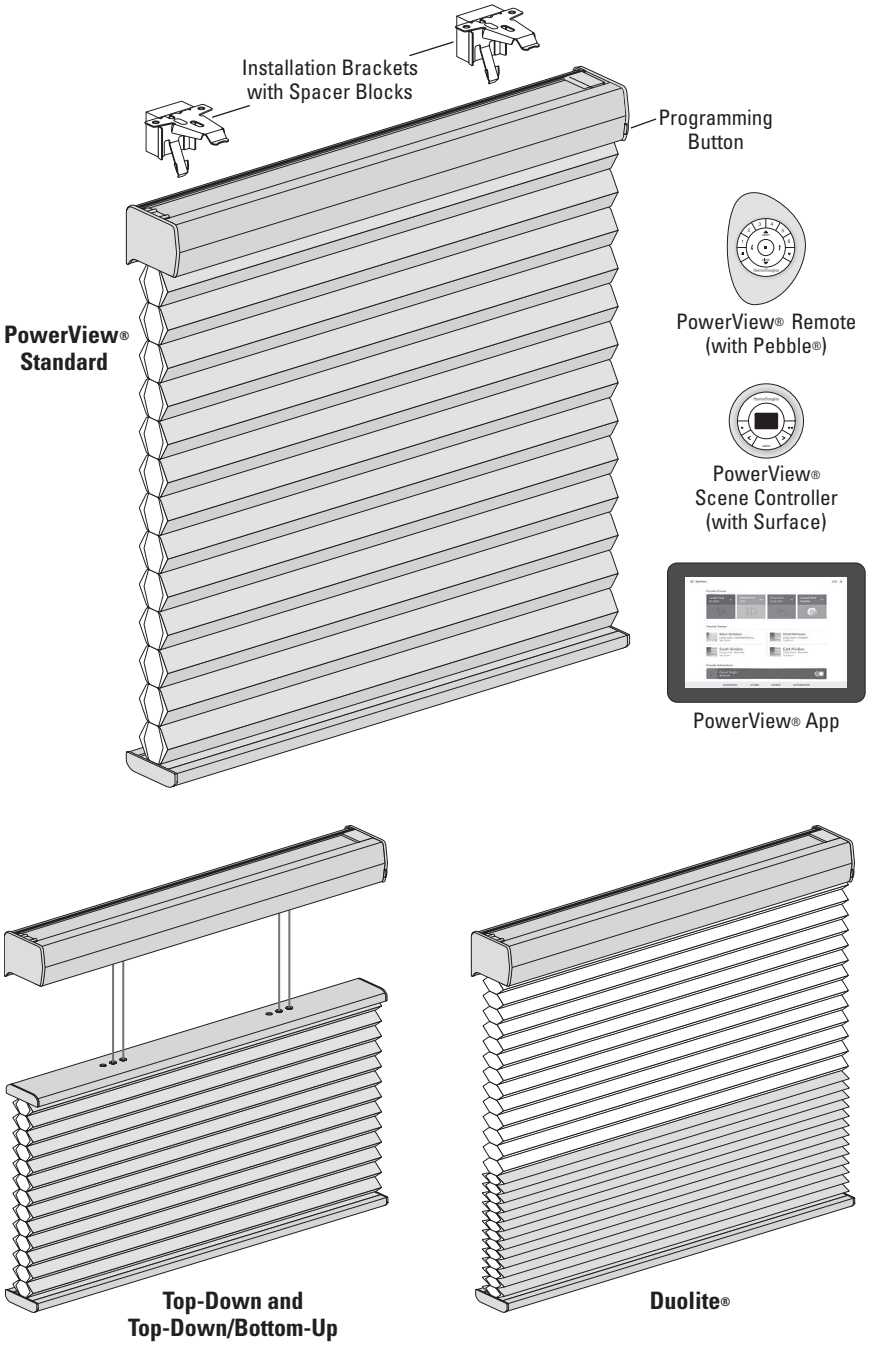
Product View



GETTING STARTED

Thank you for purchasing Hunter Douglas Duette® and Applause® Honeycomb Shades with PowerView® Motorization. With proper installation, operation, and care, your new shades will provide years of beauty and performance.

Please thoroughly review this instruction booklet and the enclosed packing list before beginning the installation.

Tools and Fasteners Needed

- Flat blade and Phillips screwdrivers
- Level (laser level is recommended)
- Measuring tape and pencil
- Power drill, 3⁄32" drill bit, and ¼" hex driver

In addition, you will need fasteners designed to work with your specific mounting surface(s).

- **#6 Hex Head Screws (Provided).** Two 1½" screws are provided per installation bracket.
- **Longer #6 Hex Head Screws (Not Provided).** If using spacer blocks, use #6 screws long enough for a secure attachment.
- **#6 Flat Head Screws (Provided).** If end mounting the shade, use two 1½" screws per installation bracket.
- **Speed Nuts and Screws (Provided).** Extension brackets come with speed nuts and screws.
- **Drywall Anchor (Not Provided).** Use drywall anchors when mounting into drywall.

#6 x 1½"
Hex Head Screw
(Provided)

Longer #6 Hex Head Screw for Use with Spacer Blocks
(Not Provided)

#6 Flat Head Screw for Use with End Mounts
(Provided)

Speed Nut and Screw
(Two Provided with Each Extension Bracket)

Installation Overview

To install your shade, you will need to perform the following four steps:

STEP 1: Mount the Installation Brackets

STEP 2: Mount the Battery Wand

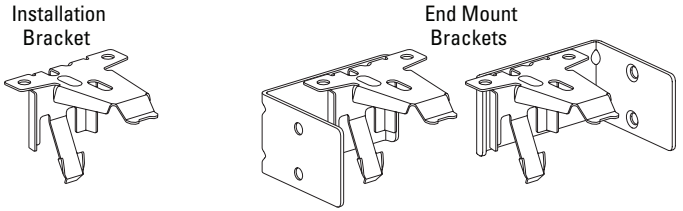
STEP 3: Install the Shade

STEP 4: Connect the Power Source

STEP 1: Mount the Installation Brackets

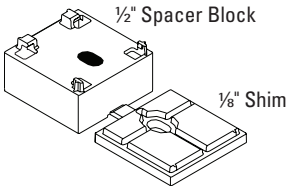
- Your order will include the correct number of installation brackets for your shade width, as shown in the table.
  - ➤ There are two sizes of installation brackets, one for ⅜" and ¾" pleat sizes and a larger one for the 1¼" pleat size.
  - ➤ For end mounts, two brackets are used up to the maximum width of 72".

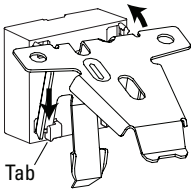
Shade Width	Brackets Required
12" – 36"	2
36⅛" – 72"	3
72⅛" – 108"	4
108⅛" – 144"	5
144⅛" – 174"	6



IMPORTANT: A ½" spacer block is required for shades using an attached battery wand. The spacer block is pre-attached to the back of the installation bracket.

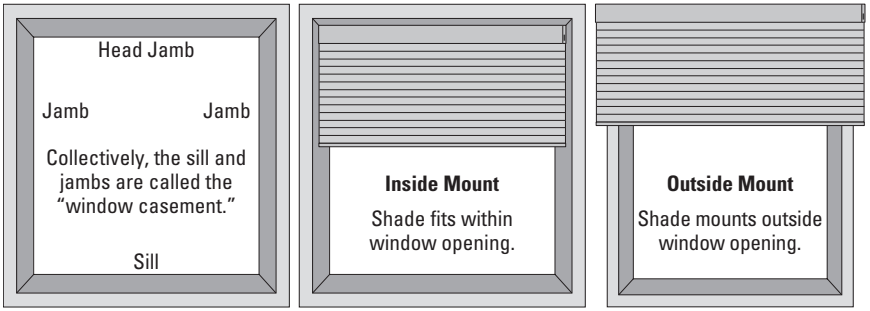
- Should the spacer block become detached, reattach it.
  - ➤ Insert the legs of the installation bracket into the tabs on the spacer block.
  - ➤ Rotate the installation bracket back, as shown, to snap it in place.





Mounting Types and Window Terminology

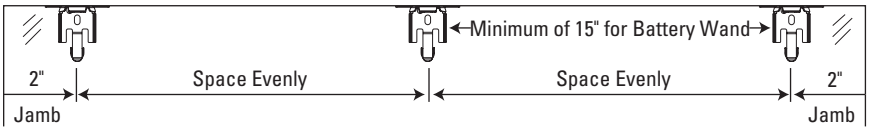
If the installation brackets are mounted correctly, the rest of the installation process follows easily. To prepare for this important first step, review the mounting types and basic window terminology illustrated below.



- Refer to the appropriate page below based on your order:
  - ➤ **Inside Mount — Below**
  - ➤ **Outside Mount — Page 7**
  - ➤ **End Mount — Page 9**

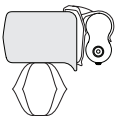
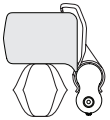
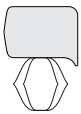
Mount the Installation Brackets — Inside Mount

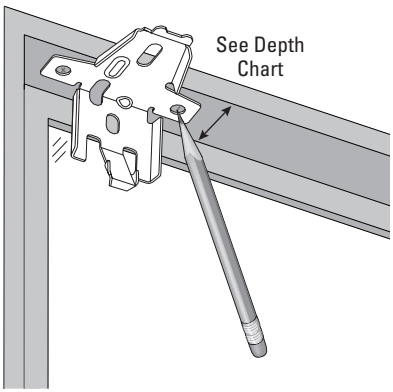
- Mark 2" in from each jamb for bracket location.
  - ➤ If more than two installation brackets came with your order, space additional bracket(s) evenly between the two end brackets and mark their location. **Allow a minimum of 15" between the brackets on the right-side motor end for the battery wand.** Mount into wood whenever possible.

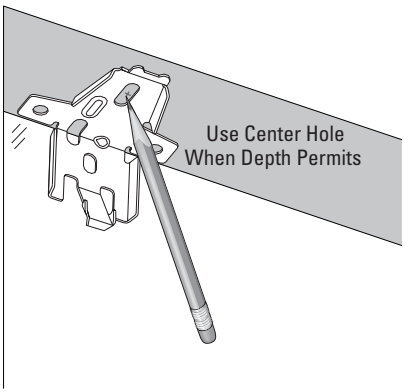


- Center the brackets on your marks, then mark each of the screw holes.
  - ➤ Mounting depths vary depending on the fabric pleat size. See the following chart for minimum and fully recessed depth requirements (measured from the front of the sill to the back of the installation bracket).
  - ➤ Mark both winged screw holes with shallow mounting depths.
  - ➤ Mark the center screw hole when depth permits. The center hole requires 1½".

Mounting Depth Requirements

	 Battery Wand High Mount Bracket (Standard)		 Battery Wand Low Mount Bracket (Optional)		 Satellite Battery Pack, C-Size Battery Wand, 18V DC Power Supply, 16 Shade DC Power Supply	
Pleat Size:	⅜", ¾"	1¼"	⅜", ¾"	1¼"	⅜", ¾"	1¼"
Minimum casement depth: **Inside Mount**	1"	1"	1"	1"	½"	½"
Minimum casement depth: **End Mount**	1¾"	1¾"	1¾"	1¾"	1¼"	1¼"
Minimum casement depth: **Flush Mount**	2¾"	3½"	2⅝"	3⅜"	2¼"	3⅛"
Minimum mounting surface height: **Outside Mount**	1¼"	1¼"	1¼"	1¼"	1¼"	1¼"





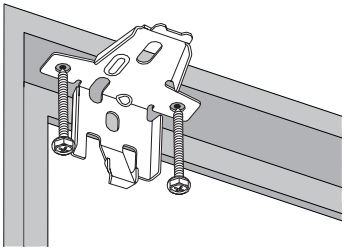
INSTALLATION

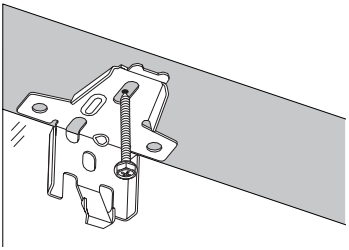
- Drill the screw holes using a 3⁄32" drill bit.

  CAUTION: Use drywall anchors when mounting into drywall.

- Use a level to check that the mounting surface is level. Shim the brackets if necessary.
- Attach the installation brackets using the screws provided.

  IMPORTANT: The front edges of the installation brackets must be level and aligned. If mounting to a heavily textured surface, shim the brackets, if needed.

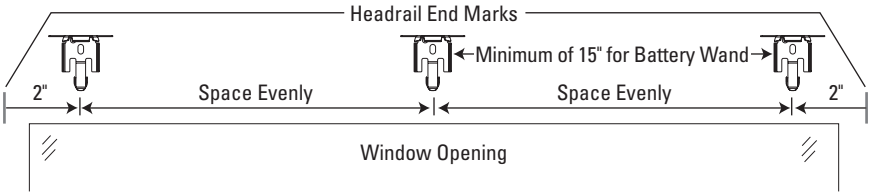




Proceed to "STEP 2: Mount the Battery Wand" on page 10.

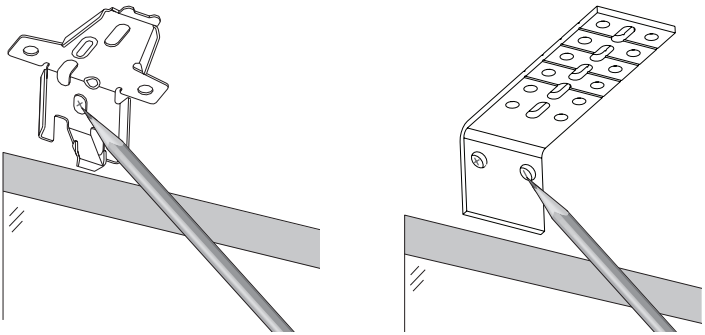
Mount the Installation Brackets — Outside Mount

- Center the headrail over the window opening at the desired height. Use a pencil to lightly mark the wall at each end of the headrail.
  - ➤ Alternatively, measure the width of the headrail and use that width to mark the headrail end points over the window opening.
- Mark 2" from each end of the headrail.
  - ➤ If more than two installation brackets came with your order, space additional bracket(s) evenly between the two end brackets and mark their location. **Allow a minimum of 15" between the brackets on the right-side motor end for the battery wand.** Mount into wood whenever possible.



- Center the brackets on your marks, then mark each of the screw holes.
  - ➤ A minimum of 1¼" flat vertical surface is required to mount the brackets.
  - ➤ The top of the installation brackets or extension brackets should be at the desired shade height. The brackets should be level and aligned.
  - ➤ When using extension brackets, mark two screw holes per bracket.

  CAUTION: The rear of the brackets must be flush against a flat mounting surface. Do not mount brackets on curved molding.



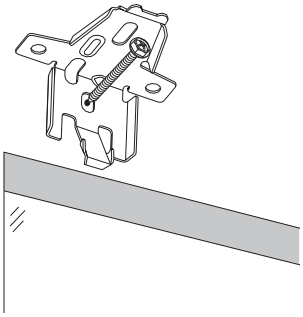
- Drill the screw holes using a 3⁄32" drill bit.

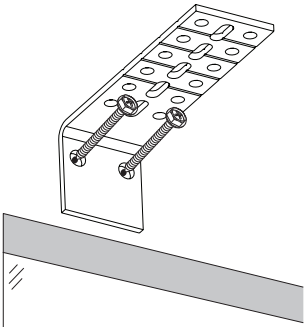
  CAUTION: Use drywall anchors when mounting into drywall.

INSTALLATION

- Attach the installation or extension brackets using the screws provided.

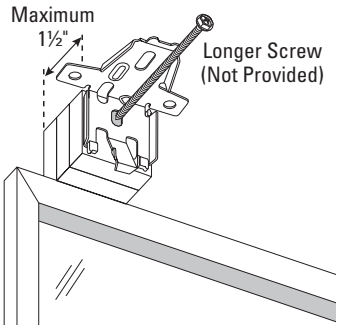
  IMPORTANT: The front edges of the brackets must be level and aligned to each other.



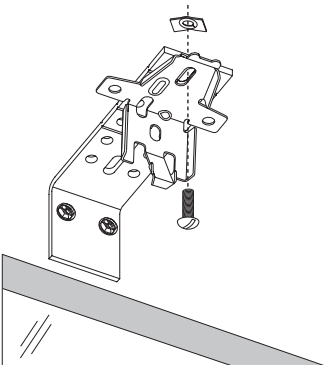


- If using spacer blocks, attach the spacer block/installation bracket assembly to a flat vertical mounting surface with a #6 mounting screw long enough for a secure installation.
  - ➤ A maximum of 1½" of spacer blocks per installation bracket is recommended. Spacer blocks and shims may be stacked.
  - ➤ The top of the spacer blocks should be at the desired shade height.

  CAUTION: Use drywall anchors when mounting into drywall.



- If using extension brackets, attach an installation bracket to the underside of each extension bracket using the provided screws and speed nuts.



Proceed to "STEP 2: Mount the Battery Wand" on page 10.

Mount the Installation Brackets — End Mount

End mount the headrail when conventional mounting techniques will not work — for example, in an arched window opening.

- Position the end mount brackets so that the top of the attached installation brackets are at the ordered height of the shade.

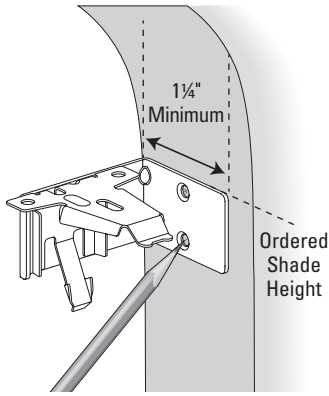
  CAUTION: Both brackets must be installed at the same depth and height.

- Mark both screw holes for each end mount bracket.

  ➤ The mounting surface must be vertical and flat, not part of an arched curve.

  IMPORTANT: Add ½" to the following minimum mounting depths if a battery wand is used.

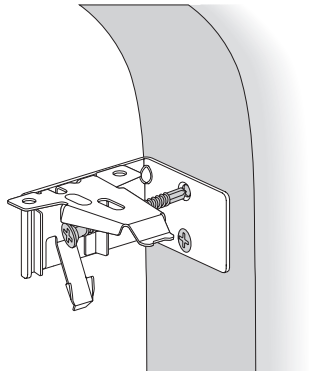
  ➤ Minimum mounting depth is 1¼" for ⅜" and ¾" pleat sizes and 2" for the 1¼" pleat size. Minimum mounting depth for a fully recessed end mount is 2⅜" for ⅜" and ¾" pleat sizes and 3" for the 1¼" pleat size.



- Drill the screw holes using a 3⁄32" drill bit.
- Attach the end mount installation brackets using the flat head screws provided.

  CAUTION: Drywall mounting is not recommended.

  IMPORTANT: For instructions on installing an arch over a rectangular shade, see the *Installation, Operation, and Care* instructions that came with your arch shade.



Proceed to "STEP 2: Mount the Battery Wand" on page 10.

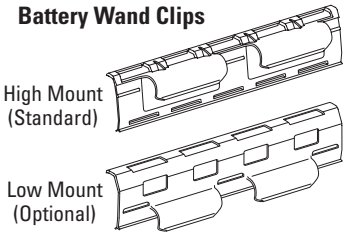
STEP 2: Mount the Battery Wand

- Refer to the appropriate page based on your order.
  - ➤ For a battery wand, see below.
  - ➤ For an optional satellite battery pack, 18V DC Power Supply, or C-size satellite battery wand, the shade is installed first – see page 11.

Install the Battery Wand Clips

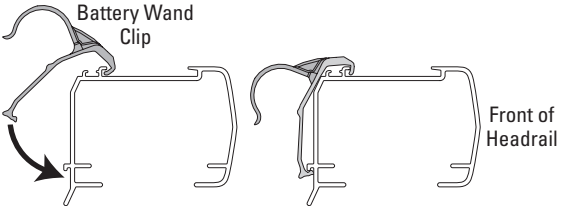
- Attach the battery wand clip to the headrail.
- Hook the battery wand clip onto the back channel of the headrail.

  IMPORTANT: Position the clip so that the battery wand will be between installation brackets.



- Rotate the clip down until it snaps into place.

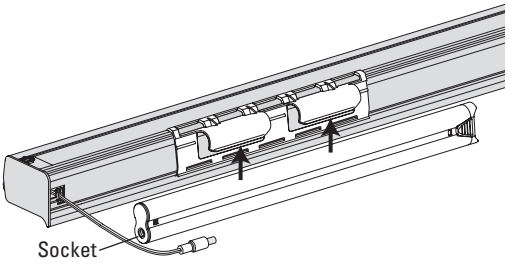
  CAUTION: Do not connect the battery wand to the power cable prior to installing the shade.



Mount the Battery Wand into the Battery Wand Clip

- Align the battery wand with its socket toward the right-side motor end cap.
- Push the battery wand straight up into the battery wand clip until it snaps into place. Check to make sure the battery wand is secure.

  CAUTION: Be sure the cable does not become pinched by the battery wand clip during installation. Damage or overheating of components could result.



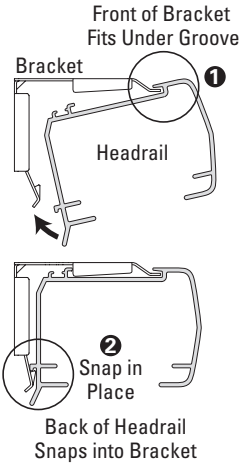
Proceed to "STEP 3: Install the Shade" on page 11.

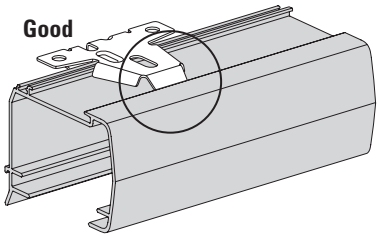
STEP 3: Install the Shade

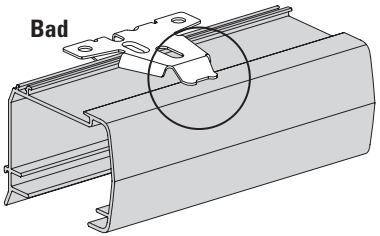
Mount the Headrail

CAUTION: Be sure no cables are pinched by the brackets or headrail during installation; damage or overheating of components could result.

- Fit the front channel on top of the headrail onto the front lip of the installation brackets.
- Push the headrail up and back until it snaps into place.
  - ➤ Check that the bottom of the headrail is snapped into the base of each bracket.
  - ➤ Check that the front lip of each bracket is in the front channel of the headrail.
- If any brackets are not installed correctly, release the shade and reinstall. See "Removing the Shade, If Necessary" on page 27.







Proceed to "STEP 4: Connect the Power Source" on page 12.

STEP 4: Connect the Power Source

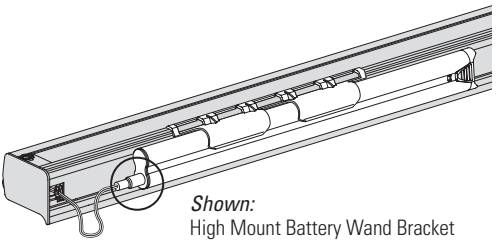
NOTE: When power is connected to the motor, the LED under the programming button housing will flash green to indicate the shade is ready for operation.

- Refer to the appropriate page based on your order.
  - ➤ For a battery wand, see below.
  - ➤ For an optional satellite battery pack, see below.
  - ➤ For an optional 18V DC Power Supply, see page 14.
  - ➤ For an optional 18V DC Power Supply with daisy-chain connections, see page 14.
  - ➤ For an optional C-size satellite battery wand, see the instructions that came with the unit.

Battery Wand

Plug the Power Cable into the Battery Wand

- On the back of the headrail, connect the power cable (coming from the shade) into the socket on the battery wand.



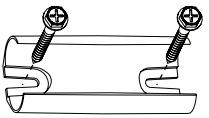
Shown:
High Mount Battery Wand Bracket

Satellite Battery Pack

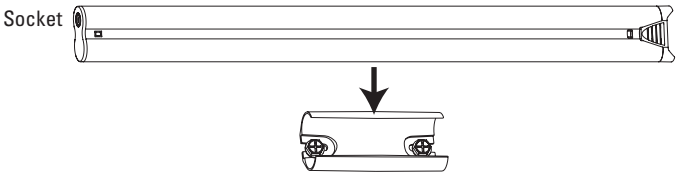
Mount the Satellite Battery Pack

- Decide where you want to attach the wall mount bracket. A satellite battery pack may be mounted in any orientation.
  - ➤ Make sure the provided cable is long enough to connect the satellite battery pack and the shade.

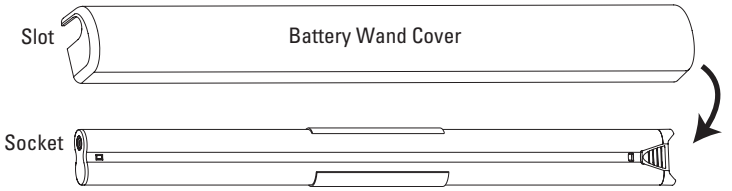
Wall Mount Bracket



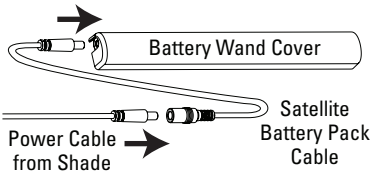
- Mark the screw holes.
- Drill the screw holes using a 3⁄32" drill bit.
- Remove the backing from the double-sided tape. Press the bracket into place.
- Attach the bracket using the screws provided.
- Position the battery wand so the power cable is easily connected to the socket.
- Snap the battery wand into the bracket.



- Install the battery wand cover with the slot aligned to the socket in the battery wand.



- Plug the power cable from the shade into the satellite battery pack cable.
- Plug the other end of the satellite battery pack cable into the socket in the battery wand.
- Secure the satellite battery pack cable using wire retainers (not supplied). If hiding the cable behind the shade, make sure it does not impede the operation of the shade.

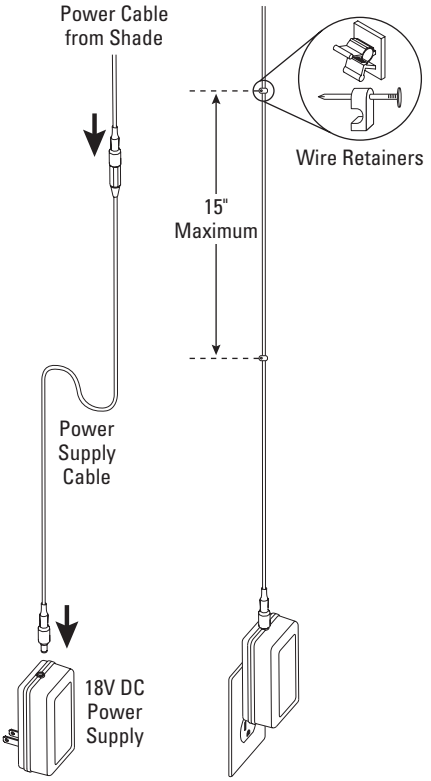


Proceed to "Testing the Shade" on page 15.

18V DC Power Supply

Connect the Power Supply

- Plug the power cable from the shade into the power supply cable.
- Plug the other end of the power supply cable into the 18V DC Power Supply.
- Plug the 18V DC Power Supply into a standard outlet.
- Secure the power supply cable using wire retainers (not supplied). If hiding the cable behind the shade, make sure it does not impede the operation of the shade.
- Space the wire retainers approximately 15" apart along the power supply cable, as shown.



WARNING: Keep cables and small parts out of the reach of children. They can wrap cables around their necks and **STRANGLE**. They can also put small parts in their mouths and **CHOKE**.

WARNING: Electric shock and/or a fire hazard may occur, if not properly installed.

Proceed to "Testing the Shade" on page 15.

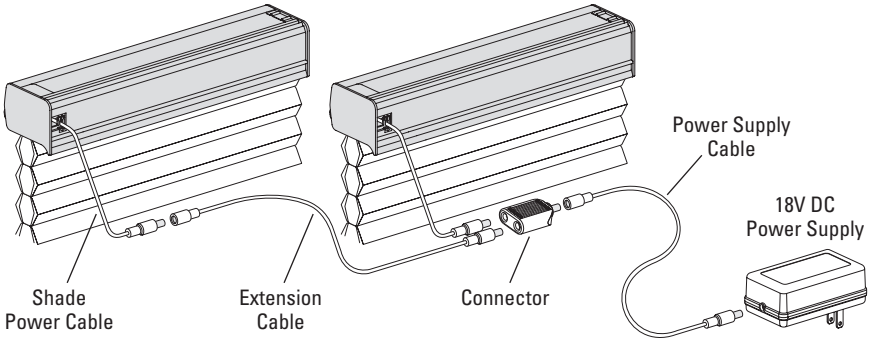
If You Have an 18V DC Power Supply with Daisy-Chain Connections...

The daisy-chain feature allows up to three PowerView® motorized shades to be powered by a single 18V DC Power Supply. However, each shade has its own RF receiver and can operate independently. The daisy-chain feature is only available with the 18V DC Power Supply option.

With the two-shade configuration shown on the next page:

- Connect the power cables from each shade to the daisy-chain connector, using an extension cable of appropriate length from one of the shades.
- Plug the power supply cable into the connector and the 18V DC Power Supply.

- An additional daisy-chain connector and extension cable are used for three shades.



- Plug the 18V DC Power Supply into a standard outlet.

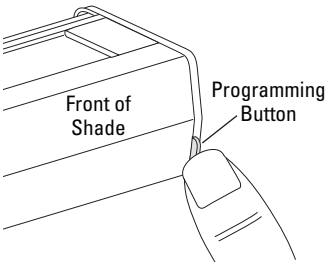
Testing the Shade

Testing the shade with the programming button will allow you to ensure that the motor and power source are working correctly.

CAUTION: When raising the shade for the first time, observe how the fabric stacks. It should stack evenly. Immediately stop the shade if the bottom rail is not level or the shade starts to rub against either window jamb. See"Level the Rail(s), If Necessary" on page 21.

- Press the programming button on the bottom of the right-side end cap to test operation. If the shade does not operate, see "Troubleshooting" on page 22.
  - ➤ Press the button to alternately lower, stop, and raise the shade.

  NOTE: With Top-Down/Bottom-Up and Duolite® shades, the programming button will alternately lower the bottom rail, lower the middle rail, raise the middle rail, and raise the bottom rail.



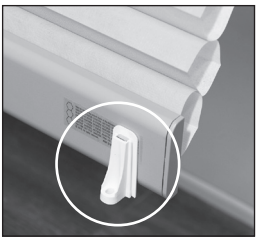
Proceed to "Attach Magnetic Hold-Down Brackets (Optional)" on page 16.

Attach Magnetic Hold-Down Brackets (Optional)

Hold-down brackets provide stability and prevent swaying by securing the bottom rail, for example on French door applications. Hold-down brackets can only be used on outside mount shades.

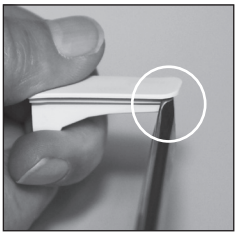
#1 — Bracket Placement

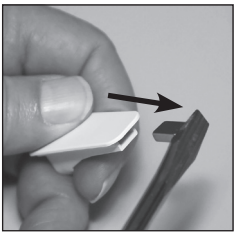
- Place the magnetic hold-down bracket near one end of the bottom rail. The magnet should attract to the magnet that is already in the bottom rail.



- **Magnet Polarity:** The magnet within the magnetic bracket must be attracted to the magnet located within the bottom rail. In the event that they repel each other, the magnet within the magnetic bracket can be removed and flipped.
  - ➤ To remove the magnet, hold a small steel flat blade screwdriver up to the magnet in the bracket and pull the magnet out with the screwdriver.
  - ➤ Flip the magnet over and place it back into the bracket.

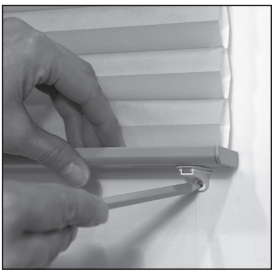
IMPORTANT: Check the attraction prior to mounting to ensure that they are properly oriented.





#2 — Mark the Location

- Lower the shade to the closed position and mark the location where the bracket will be placed.



#3 — Attach the Bracket

- Drill the pilot hole using a 3⁄32" drill bit and attach the bracket using the screw provided.

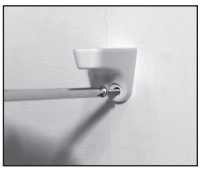
IMPORTANT: Do not over torque the screw.

#4 — Install the Bracket Cover

- Slide the bracket cover over the magnetic hold-down bracket and mark the screw hole.
- Remove the bracket cover once the screw hole is marked.

- Drill the pilot hole using a 3⁄32" drill bit and slide the bracket cover back over the magnetic hold-down bracket.
- Attach the cover using the screw provided.

IMPORTANT: Do not over tighten the screw.



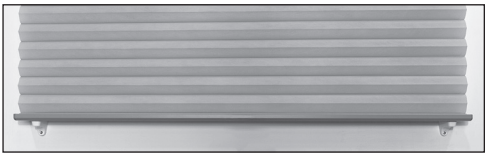
#5 — Place and Attach Second Bracket

- Repeat steps 1 through 4 to install the second magnetic hold-down bracket.

IMPORTANT: Make sure the bottom rail is level when marking the second bracket location.

#6 — Final Adjustments

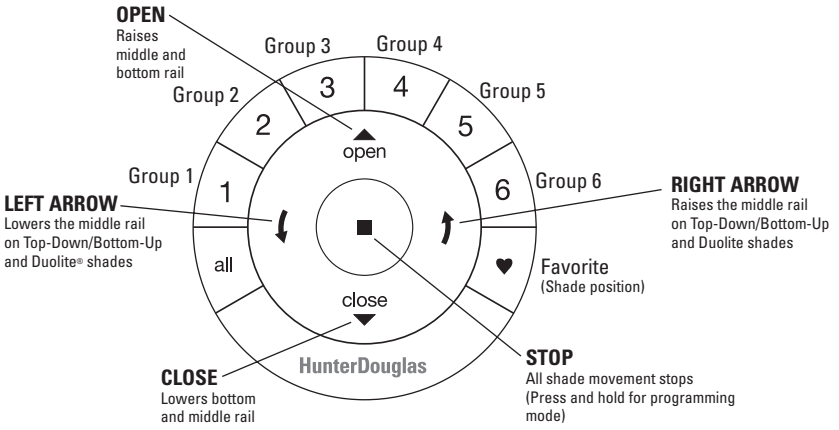
- Verify that the bottom rail is level.



Proceed to "Using the PowerView® Remote" on page 18.

Using the PowerView® Remote

First, activate the remote by pulling both plastic tabs from the back battery compartment.



IMPORTANT: If you have more than one remote, see "Adding Additional Remote(s) to the PowerView® Shade Network" in the *PowerView® Motorization Remote Control Guide.*

Joining a Shade to a Group

IMPORTANT: The shade will not operate using the remote until it has been joined to a group.

1. Press and hold ■ STOP on the remote until the indicator lights blink (approximately 6 seconds). The remote is now in program mode.
2. Press the desired group number (1 – 6) on the remote. The backlit group number will flash to show it is selected.
3. While pressing the programming button on the shade, press ▲ OPEN on the remote. The green light flashes once and the shade will move slightly twice (up, down, or down, up) to indicate the shade has joined the group. Release the programming button.
4. Press and hold ■ STOP on the remote until the indicator lights stop blinking (approximately 6 seconds).

Basic Operation

- To wake up the remote, simply pick it up or press ■ STOP. The last group(s) selected will be highlighted and active.
- Press "all" or groups 1 – 6 to select specific shade(s) to move. Selected group button(s) will light to show they are selected.
  - ➤ Multiple group buttons may be selected at a time.
  - ➤ To deselect a group, press the group button again. The backlight for that group button will go out.
- Press ▼ CLOSE to lower the selected shade(s).
- Press ▲ OPEN to raise the selected shade(s).
- Press ■ STOP to stop shade movement anywhere along its travel.
- While a shade is in motion, press the opposite of shade motion (▲ OPEN or ▼ CLOSE) to reverse direction.
- Press ♥ FAVORITE to send selected shade(s) to your preset "favorite" position. Refer to the *PowerView® Motorization Remote Control Guide* on how to set a favorite position. The default favorite position is the shade at 50% open.

Top-Down/Bottom-Up and Duolite® Operation

- Press ▼ CLOSE to lower the bottom rail and raise the middle rail. The shade will be fully closed.
- Press the ↰ left arrow to lower the bottom and middle rails. The shade will be open from the top.
- Press the ↱ right arrow to lower the bottom rail and raise the middle rail. The shade will be fully closed.
- Press ▲ OPEN to raise the bottom and the middle rails. The shade will be fully open.
- Press ■ STOP to stop shade movement anywhere along its travel.

Further Operation and Programming Information

PowerView® Pebble® Remote and/or PowerView® Surface Remote Operation

For information regarding operation and programming of the PowerView® remote, refer to your *PowerView® Motorization Remote Control Guide* or to the online PowerView Step-by-Step Guide at **hunterdouglas.com/operating-systems/motorized/powerview-motorization/manuals**.

PowerView® Scene Controller

For information regarding operation and programming of the PowerView® Scene Controller, refer to your *PowerView Motorization Scene Controller Guide* or to the online PowerView Step-by-Step Guide at **hunterdouglas.com/operating-systems/motorized/powerview-motorization/manuals**.

PowerView® App Operation

The PowerView® Hub is required for PowerView® App operation. For information regarding setup and operation using the PowerView App, refer to the online PowerView Step-by-Step Guide at **hunterdouglas.com/operating-systems/motorized/powerview-motorization/manuals**.

Resetting the Shade, If Necessary

Calibration Reset

The calibration reset is used to recalibrate the shade's travel limits.

1. Press and hold the programming button for approximately 6 seconds. The shade will move slightly. Release the programming button (the light flashes red).
2. The shade will raise to its fully open position to reestablish the upper travel limit, then lower to the fully closed position to reestablish the lower travel limit. The middle rail will then move slightly twice (up, then down) to indicate that the travel limits were recalibrated.

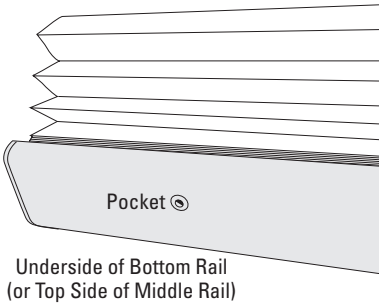
Resetting Shade Programming

The programming reset erases shade programming from memory, including group assignments, preventing input devices from operating the shade. The primary use is to correct group and network assignments during installation. The reset does not affect travel limits or the favorite position.

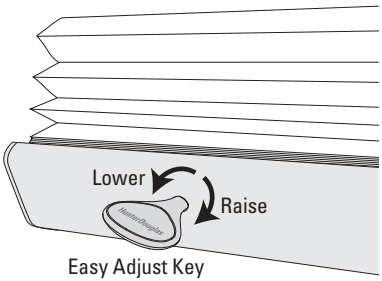
1. Press and hold the programming button for approximately 12 seconds. The shade will move slightly after 6 seconds, then again after 12 seconds. Release the programming button (the light flashes red). The light then flashes a series of green and red to indicate that shade programming is erased from memory.
2. Refer to "Joining a Shade to a Group" on page 18 to program the shade to a group.

Level the Rail(s), If Necessary

- Lift the bottom rail to locate the pockets on the underside of the rail.
  - ➤ With the middle rail on Top-Down/ Bottom-Up shades, the pockets are on the top side of the rail.
  - ➤ See below for the middle rail adjustment on Duolite® shades.



- Gently pull down on the bottom rail (or up on the middle rail) to fully insert the 7⁄64" Easy Adjust™ key into the pocket. The key is fully inserted when the base of the key abuts to the pocket.
  - ➤ Lift up the rail slightly before turning the Easy Adjust key. Turn the key clockwise to raise that side of the rail, or counter-clockwise to lower it.
  - ➤ One quarter turn of the key equals approximately ¼".

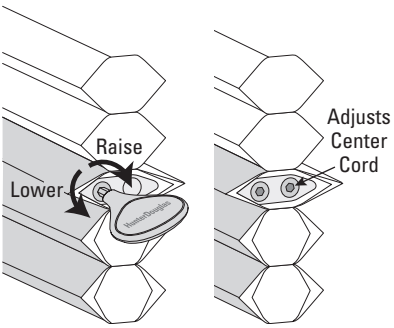


IMPORTANT: The Easy Adjust key must be fully inserted to avoid stripping the mechanism. Do not pull down on the rail while turning the key.

- If there are more than two pockets, adjust the outer pockets first. Then adjust inner pockets as necessary, to maintain equal tension across the rail. As pocket adjustments are made, it is recommended that the shade be raised and lowered to check that it is level.

Adjusting the Duolite Middle Rail

- Hex pockets are found at the ends of the middle rail, which is located in the top cell of the lower fabric panel.
- Insert the Easy Adjust key so that its hex-shaped portion is about halfway into the pocket.
- Turn the key clockwise to raise that end of the rail or counter-clockwise to lower it.
  - ➤ One full turn of the key equals approximately ⅛".
- On shades over 60" wide, there will be two hex pockets in the right end of the middle rail. Use the rear hex pocket to adjust the tension in the center cord after adjusting the outer cords to level the rail.



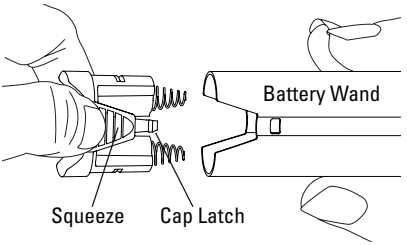
Troubleshooting

If your shade is not operating correctly:

- First review the guide that came with your control device.
- Refer to the following troubleshooting procedures for specific solutions for your shade.

If questions remain, please contact Hunter Douglas Consumer Support at **1-888-501-8364.**

Problem	The shade will not fit into the installation brackets.
Solution	If the shade has a battery wand, check that the wand is not interfering with the installation brackets. Check that the installation brackets are level and aligned. Adjust and/or shim to level, if necessary. Be sure the heads of the mounting screws are flush against the installation bracket. Make sure that the shade fabric is not caught between the installation bracket and the headrail. Check that the headrail is completely inserted into the installation brackets. See "STEP 3: Install the Shade" on page 11.
Problem	The shade does not operate using the programming button.
Solution	Unplug the power cable from the motor, then plug it back in. The LED under the programming button housing should flash green to indicate the motor has power. Check that the batteries in the battery wand, satellite battery pack, or C-size satellite battery wand are correctly inserted and fresh. Check that the battery wand, satellite battery pack, C-size satellite battery wand, or 18V DC Power Supply is securely connected to the power cable and the cables are not pinched or caught in the headrail or installation brackets.
Problem	The shade is not responding to the PowerView® remote.
Solution	**IMPORTANT:** A shade will not operate until it is joined to a group. Check that the correct group number is selected. Check that the batteries in the remote are correctly inserted and are fresh. The LEDs that backlight the remote should come on full bright when ■ STOP is pressed.

Problem	The shade is operating slowly or does not raise or lower completely.
Solution	The batteries may be low in the battery wand, satellite battery pack, or C-size battery wand. Replace the batteries. Check that the battery wand, satellite battery pack, C-size satellite battery wand, or DC power supply is securely connected to the power cable and the cables are not pinched or caught in the headrail or installation brackets. Check that the fabric stacks up evenly into the headrail. If not, see "Level the Rail(s), If Necessary" on page 21. The shade may need to be reset. Refer to "Resetting the Shade, If Necessary" on page 20.
Problem	Batteries in the battery wand need to be replaced.
Solution	Replace the batteries in the battery wand. Squeeze the cap latch to release the cap and remove the cap from the battery wand. Install the batteries according to the instructions on the battery wand label. Press the cap on until it latches.  **NOTE:** Hunter Douglas recommends AA alkaline batteries for use with our battery-powered shades. These will provide more than one year of operation, depending on usage. Lithium and rechargeable batteries are not recommended.
Problem	The shade raises or lowers unevenly or the bottom rail is uneven when fully raised.
Solution	Lower the shade completely to allow it to "self-correct" skewing. Check that the headrail and installation brackets are level and aligned. Shim the installation brackets to level the headrail, if necessary. Adjust the bottom rail. See "Level the Rail(s), If Necessary" on page 21.

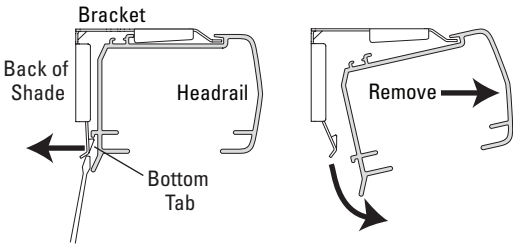
Problem	The shade limits need to be adjusted — top limit.
Solution	**Adjusting the Top Limit** **NOTE:** Fine adjustment mode timeout is 60 seconds. If there is no action within 60 seconds, fine adjustment mode exits. ■ Move the shade to the current top limit position. See "Basic Operation" on page 19. ■ On the remote, ensure that the ALL button and the group number buttons are not selected. ■ The following three steps must be done in order and within a **5 second** timeframe from the initiation of the first step. ➤ Press and hold the programming button on the shade. ➤ Press and release the ▲ OPEN button on the remote. ➤ Release the programming button on the shade. The shade will move to the top limit position, if not already there and the LED behind the programming button will turn solid red to indicate the shade is in fine adjustment mode. ■ On the remote, make sure the group number for the shade is selected and the other group numbers are de-selected. ■ Press ▲ OPEN or ▼ CLOSE on the remote and the shade should move at a slow speed. **NOTE:** If the shade does not move at a slow speed, repeat the previous steps. ■ When the desired top limit location is reached, press the ■ STOP button on the remote. ■ Press and hold ■ STOP on the remote until the indicator lights on the remote blink (approximately 6 seconds). The remote is now in programming mode. Ensure none of the group buttons are selected on the remote. ■ The following three steps must be done in order and within a **5 second** timeframe from the initiation of the first step. ➤ Press and hold the programming button on the shade. ➤ Press and release the ▲ OPEN button on the remote. ➤ Release the programming button on the shade. The shade will move slightly twice to indicate the new top limit is set. The LED will flash green and then turn off. ■ Exit programming mode on the remote. Press and hold ■ STOP on the remote until the indicator lights stop blinking (approximately 6 seconds), or let the remote time out (approximately 20 seconds). ■ Verify the new top limit by moving the shade down and then up.

Problem	The shade limits need to be adjusted — bottom limit.
Solution	**Adjusting the Bottom Limit** **NOTE:** Fine adjustment mode timeout is 60 seconds. If there is no action within 60 seconds, fine adjustment mode exits. ■ Move the shade to the current bottom limit position. See "Basic Operation" on page 19. ■ On the remote, ensure that the ALL button and the group number buttons are not selected. ■ The following three steps must be done in order and within a **5 second** timeframe from the initiation of the first step. ➤ Press and hold the programming button on the shade. ➤ Press and release the ▼ CLOSE button on the remote. ➤ Release the programming button on the shade. The shade will move to the bottom limit position, if not already there and the LED behind the programming button will turn solid red to indicate the shade is in fine adjustment mode. ■ On the remote, make sure the group number for the shade is selected and the other group numbers are de-selected. ■ Press ▲ OPEN or ▼ CLOSE on the remote and the shade should move at a slow speed. **NOTE:** If the shade does not move at a slow speed, repeat the previous steps. ■ When the desired bottom limit location is reached, press the ■ STOP button on the remote. ■ Press and hold ■ STOP on the remote until the indicator lights on the remote blink (approximately 6 seconds). The remote is now in programming mode. Ensure none of the group buttons are selected on the remote. ■ The following three steps must be done in order and within a **5 second** timeframe from the initiation of the first step. ➤ Press and hold the programming button on the shade. ➤ Press and release the ▼ CLOSE button on the remote. ➤ Release the programming button on the shade. The shade will move slightly twice to indicate the new bottom limit is set. The LED will flash green and then turn off. ■ Exit programming mode on the remote. Press and hold ■ STOP on the remote until the indicator lights stop blinking (approximately 6 seconds), or let the remote time out (approximately 20 seconds). ■ Verify the new bottom limit by moving the shade up and then down.

Problem	The shade limits need to be adjusted — middle rail bottom limit (Top-Down/Bottom-Up and Duolite® only).
Solution	**Adjusting the Middle Rail Bottom Limit Position** **NOTE:** Fine adjustment mode timeout is 60 seconds. If there is no action within 60 seconds, fine adjustment mode exits. ■ Move the shade to the current middle rail bottom limit position. See "Top-Down/Bottom-Up and Duolite® Operation" on page 19. ■ On the remote, ensure that the ALL button and the group number buttons are not selected. ■ The following three steps must be done in order and within a **5 second** timeframe from the initiation of the first step. ➤ Press and hold the programming button on the shade. ➤ Press and release the ❮ left arrow button on the remote. ➤ Release the programming button on the shade. The shade will move to the middle rail bottom limit position, if not already there and the LED behind the programming button will turn solid red to indicate the shade is in fine adjustment mode. ■ On the remote, make sure the group number for the shade is selected and the other group numbers are de-selected. ■ Press ▲ OPEN or ▼ CLOSE on the remote and the shade should move at a slow speed. **NOTE:** If the shade does not move at a slow speed, repeat the previous steps. ■ When the desired middle rail bottom limit location is reached, press the ■ STOP button on the remote. ■ Press and hold ■ STOP on the remote until the indicator lights on the remote blink (approximately 6 seconds). The remote is now in programming mode. Ensure none of the group buttons are selected on the remote. ■ The following three steps must be done in order and within a **5 second** timeframe from the initiation of the first step. ➤ Press and hold the programming button on the shade. ➤ Press and release the ❮ left arrow button on the remote. ➤ Release the programming button on the shade. The shade will move slightly twice to indicate the new middle rail bottom limit is set. The LED will flash green and then turn off. ■ Exit programming mode on the remote. Press and hold ■ STOP on the remote until the indicator lights stop blinking (approximately 6 seconds), or let the remote time out (approximately 20 seconds). ■ Verify the new middle rail bottom limit by moving the shade down and then up.

Removing the Shade, If Necessary

- Lower the shade approximately 4".
- While holding the headrail, push back on the bottom tab of the installation bracket with a flat blade screwdriver to release the bottom edge of the headrail.
- After releasing the bottom edge, roll the back of the headrail down and out from the bracket.



Cleaning Procedures

Hunter Douglas Duette® and Applause® Honeycomb Shades are made of anti-static, dust-resistant fabric which repels dirt and dust. For most honeycomb fabrics, the following cleaning options are available.

Dusting

- Regular light dusting with a feather duster is all the cleaning needed in most circumstances.

Vacuuming

CAUTION: Do not vacuum Elan® fabrics.

- For deeper cleaning, vacuum gently with a brush attachment.

Compressed Air/Hair Dryer (Cool Setting)

- Use compressed air or a hair-dryer on a cool setting to blow dust and dirt off shades.

Spot-Cleaning

CAUTION: Do not spot-clean Alexa, Alexa Metallic™, Apollo™, Calypso™, Commercial, Elan, Applause Esprit™, India Silk, Jardin, Leela, Macon™, and all Batiste fabrics.

- Prepare a solution of warm water and a mild detergent.
- Dampen a clean cloth in the solution and wring it out.
- Dab the spot with the dampened cloth until it is removed. Do not rub the fabric.
- Allow the shade to dry in the completely lowered (or closed) position.

Bathtub Cleaning/Water Immersion

CAUTION: Do not immerse Alexa, Alexa Metallic™, Calypso™, Commercial, Elan®, India Silk, all Batiste fabrics, all Alustra® Duette® fabrics, and all room-darkening fabrics. Do not immerse Applause® Esprit™ fabrics.

- Immerse the shade in a basin or bathtub filled with warm water and a mild detergent.

  IMPORTANT: Never immerse the headrail into the solution.
- Rinse with clean water.
- Before removing from the rinse water, fully raise the shade and tilt it to allow excess water to drain off.
- Dry the shade completely in the lowered (or closed) position.

Ultrasonic Cleaning

CAUTION: Do not ultrasonically clean Commercial, Batiste 1¼" Semi-Sheer, and all room-darkening fabrics.

- Specify that a mild detergent solution be used.

  IMPORTANT: Never immerse the headrail into the solution.
- Dry the shade completely in the lowered (or closed) position.

Injection/Extraction Cleaning

This type of professional cleaning injects a cleaning solution into the fabric and extracts the dirty solution in the same motion.

- Use only the dry method of injection/extraction for Elan fabrics.
- If using injection/extraction for Alexa and Batiste Bamboo fabrics, specify that no chemicals are used (water only).

Headrail Cleaning

CAUTION: Never use abrasive cleaning methods or harsh chemicals.

- Dampen a soft, clean cloth in warm water and wring it out.
- Gently wipe the headrail to remove dirt and dust.

U.S. Radio Frequency FCC Compliance

FCC ID information is located on top of the shade's headrail.

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.

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.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines. This equipment should be installed and operated keeping the radiator at least 20 cm or more away from person's body. RF Exposure requirements are met when installed in mobile equipment. This module cannot be installed in portable equipment without further testing and a change to FCC's grant of authorization.

Industry Canada

Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Class B Digital Device Notice

This Class B digital apparatus complies with Canadian ICES-003, RSS-Gen and RSS-210.

CAN ICES-3 (B)/NMB-3(B)

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment and meets RSS-102 of the IC radio frequency (RF) Exposure rules. This equipment should be installed and operated keeping the radiator at least 20 cm or more away from person's body.

European Conformity

We, the undersigned,

Hunter Douglas Window Fashions
One Duette Way, Broomfield, CO 80020, USA

Hunter Douglas Europe B.V.
Piekstraat 2, 3071 EL Rotterdam, The Netherlands

certify and declare under our sole responsibility that assembly PV18 conforms with the essential requirements of RED 2014/53/EU.

A copy of the original declaration of conformity may be found at:
www.hunterdouglas.com/RFcertifications

LIFETIME GUARANTEE

The Hunter Douglas® Lifetime Guarantee is an expression of our desire to provide a thoroughly satisfying experience when selecting, purchasing and living with your window fashion products. If you are not thoroughly satisfied, simply contact Hunter Douglas at (888) 501-8364 or visit **hunterdouglas.com**. In support of this policy of consumer satisfaction, we offer our Lifetime Limited Warranty as described below.

COVERED

BY A LIFETIME LIMITED WARRANTY

- Hunter Douglas window fashion products are covered for defects in materials, workmanship or failure to operate for as long as the original retail purchaser owns the product (unless shorter periods are provided below).
- All internal mechanisms.
- Components and brackets.
- Fabric delamination.
- Operational cords for a full 7 years from the date of purchase.
- Repairs and/or replacements will be made with like or similar parts or products.
- Hunter Douglas motorization components are covered for 5 years from the date of purchase.

NOT COVERED

BY A LIFETIME LIMITED WARRANTY

- Any conditions caused by normal wear and tear.
- Abuse, accidents, misuse or alterations to the product.
- Exposure to the elements (sun damage, wind, water/moisture) and discoloration or fading over time.
- Failure to follow our instructions with respect to measurement, proper installation, cleaning or maintenance.
- Shipping charges, cost of removal and reinstallation.

Hunter Douglas (or its licensed fabricator/distributor) will repair or replace the window fashion product or components found to be defective.

TO OBTAIN WARRANTY SERVICE

1. Contact your original dealer (place of purchase) for warranty assistance.
2. Visit hunterdouglas.com for additional warranty information, frequently asked questions and access to service locations.
3. Contact Hunter Douglas at (888) 501-8364 for technical support, certain parts free of charge, for assistance in obtaining warranty service or for further explanation of our warranty.

NOTE: In no event shall Hunter Douglas or its licensed fabricators/distributors be liable or responsible for incidental or consequential damages or for any other indirect damage, loss, cost or expense. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above exclusion or limitation may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Different warranty periods and terms apply for commercial products and applications.

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hunterdouglas.com

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