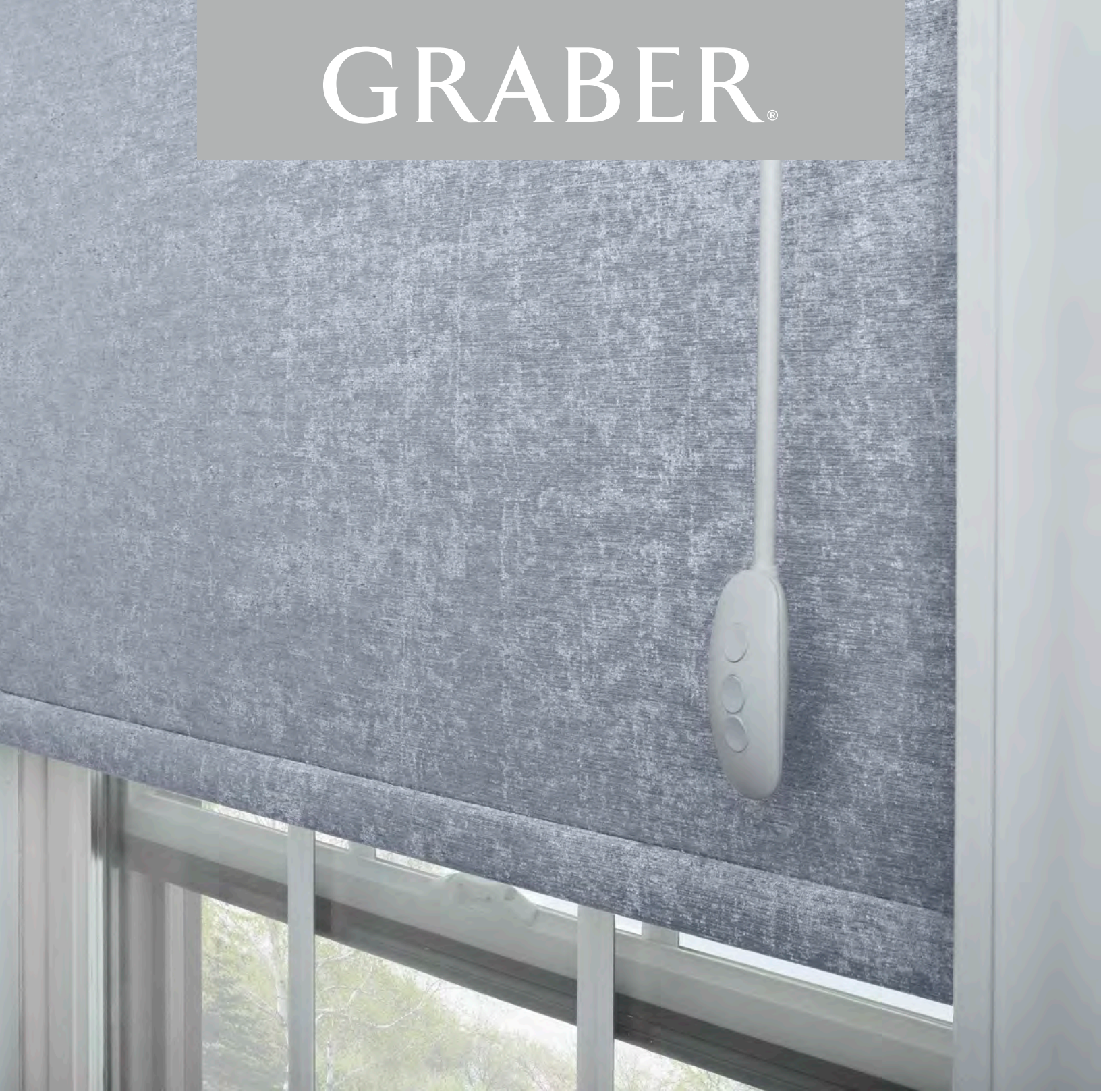


GRABER®



Graber Tethered Motorization English US Price Guide

MOTORIZED WAND LIFT FOR MOTORIZED SHADES

Product Information Guide

Features

Motorized Wand Lift2

Size Considerations

CrystalPleat® Cellular and Pleated Shades Motorized Wand Lift3

Lightweaves® Roller and Solar Shades Motorized Wand Lift4

Lightweaves Roller and Solar Shades: Motorized Wand Lift Maximum Shade Size 5-9

Options

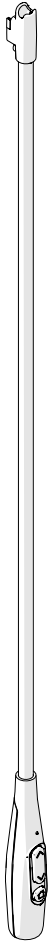
Power Considerations 10-11

Power Components12

Features

Motorized Wand Lift

Motorized shades controlled by the motorized wand provide reliable, effortless operation of window coverings. Motorized shades with motorized wand lift are quiet, simple to install, and easy to operate.



Motorized Wand

Refer to individual product pages for specific option and size information for the product being ordered.

Features

- Simple, intuitive control by means of the motorized wand
- Consistent motor speed regardless of size or weight
- Efficiently manages energy (heat gain or loss)
- A safer alternative to cord lift options; ideal for homes with children and pets
- Clean design with LED operation confirmation
- LED feedback on the wand to simplify operation and programming
- Quiet, smooth shade operation
- “Limit Safety Protection” feature simplifies reprogramming, should it be necessary, while protecting the shade from damage
- Convenient soft-start and soft-end add a touch of class to shade travel
- Low-voltage motorization requires no costly electrical hard-wiring

Control Option Available

- Motorized wand—simple, convenient control at the window shade location
- Available in 24", 36", 48", and 84" lengths
- Available in White or Black

NOTE: Motorization components and accessories have a five-year limited warranty, excluding batteries.

Finished Shade Height (inches)	Motorized Wand Length (inches)
up to 42	24
42 $\frac{1}{16}$ to 54	36
54 $\frac{1}{16}$ to 90	48
over 90	84

Control length for motorized wand lift shades varies based on finished shade height (above). Optional wand length can be specified at the time of order.

Size Considerations

CrystalPleat® Cellular and Pleated Shades Motorized Wand Lift

Order Entry: 12V Wand Control



Refer to individual product pages for specific option for the product being ordered.

Features

- Simple, intuitive control by means of the motorized wand
- Consistent motor speed regardless of size or weight
- Efficiently manages energy (heat gain or loss)
- A safer alternative to cord lift options; ideal for homes with children and pets
- Quiet, smooth shade operation
- “Limit Safety Protection” feature simplifies reprogramming, should it be necessary, while protecting the shade from damage
- Convenient soft-start and soft-end add a touch of class to shade travel
- Low-voltage motorization requires no costly electrical hard-wiring
- Wand position available on left or right side
- Not available with bottom up/top down, top down only, sun up/sun down, Perfect-View™, SkyTrack™, specialty shapes, or multiple shades on one headrail
- Not available with hold down brackets, side mounts, or room-darkening side channels
- Available with lightblocking strip

Power Options

- Multiple power options available

NOTE: Motorization components and accessories have a five-year limited warranty, excluding batteries.

Motorized Wand Lift Size Considerations	Minimum Width (inches)	Maximum Width (inches)	Minimum Height (inches)	Maximum Height (inches)
Cellular Shades	22	144*	18	144*
1" FashionPleat®	22	144*	18	96*
1" EvenPleat®	22	120*	18	96*
2" EvenPleat	22	144*	18	120*

*This is the shade size maximum limit for this motor type; shade size limit may be smaller based on specific fabric type.

Cellular Fabric Styles	Maximum Shade Size (square inches)	Pleated Fabric Styles	Maximum Shade Size (square inches)
½" Double Cell Sanctuary	10,000	2" Crossweave, Debonair, Desert, Grasscloth, and Serendipity	10,000
1¼" Single Cell Sanctuary		1" Debonair, Desert, Eloquence, Grasscloth, Serendipity, and Tuvalu	12,500
1¼" Single Cell Valletta		2" Geneva	
¾" Single Cell Couture Light Filtering, Couture Blackout, Sanctuary, Enchantment Blackout, Infuse Blackout, Kinsley Light Filtering, Kinsley Blackout, Montage Blackout, Prestige Blackout, Infuse Light Filtering, and Scroll FR	12,500	1" Allure, Geneva, Imperial, Marquis, Muse, Prism, and Sheer Linen	14,000
½" Double Cell Splendor		2" Marquis, Prism, and Sheer Linen	
¾" Single Cell Discovery		1" Blackout Liner and Privacy Liner only shades	17,000
1¼" Single Cell Splendor		2" Blackout Liner and Privacy Liner only shades	
¾" Single Cell Valletta	14,000		
¾" Single Cell Enchantment Light Filtering, Montage Light Filtering, Prestige Light Filtering, and Splendor	17,000		
¾" Single Cell Endeavor			
All other fabrics	20,800**		

**Available up to 144"W x 144"H.

NOTE: For all inside mount applications, ¾" deduction is taken by manufacturer on overall width.

Size Considerations

Lightweaves® Roller and Solar Shades Motorized Wand Lift

Order Entry: 12V Wand Control



Inside Mount Light Gap
Refer to Light Gap Chart

Refer to individual product information guide for specific option for the product being ordered.

Features

- Simple, intuitive control by means of the motorized wand
- Consistent motor speed regardless of size or weight
- Efficiently manages energy (heat gain or loss)
- A safer alternative to cord lift options; ideal for homes with children and pets
- Quiet, smooth shade operation
- "Limit Safety Protection" feature simplifies reprogramming, should it be necessary, while protecting the shade from damage
- Convenient soft-start and soft-end add a touch of class to shade travel
- Low-voltage motorization requires no costly electrical hard-wiring
- Available with standard or reverse roll; cassette, fascia, and contour valance only available with standard roll. Not available with 3" Fascia.
- Available with side channels that have sealed hem bar
- Wand position available on the left or right side; standard on the right
- Not available with hold down brackets

Power Options

- Multiple power options available

NOTE: Motorization components and accessories have a five-year limited warranty, excluding batteries.

Inside Mount Light Gap	
Valance Type	Light Gap per Side (inches)
Contour, Fascia, No Valance	$\frac{9}{16}$ to $1\frac{1}{16}$
Cassette – All Sizes	$\frac{3}{4}$ to $1\frac{5}{16}$

Size Considerations	
Minimum Width (inches)	Minimum Height (inches)
13	13

NOTE: See size charts on following pages.

Size Considerations

Minimum width: 13"
Minimum height: 13"

Lightweaves® Roller and Solar Shades: Motorized Wand Lift Maximum Shade Size

Valance Type		Normal Fabric Orientation						Fabric Turned Width For Height (railroaded)													
		Small Cassette		Medium Cassette		Large Cassette/ Contour Valance/ No Cassette/No Valance		4" Fascia		Small Cassette		Medium Cassette		Large Cassette/ Contour Valance/ No Cassette/ No Valance at Max Length		Large Cassette/ Contour Valance/ No Cassette/ No Valance at Max Width		4" Fascia			
Fabric		Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)		
Arboretum BO		88	91	82	102	82	102	82	102	82	102	89	82	89	82	89	82	89	82		
Arboretum LF		92	119	92	119	92	119	92	119	92	119	97	81	97	81	97	81	97	81		
Bradley		86	69	78	78	78	78	78	78	78	78										
Bravado BO		90	76	82	96	82	96	82	96	82	96										
Bravado LF		96	92	96	92	96	92	96	92	96	92										
Broadcast		81	65	78	68	78	68	78	68	78	68										
Buxton		78	70	78	70	78	70	78	70	78	70										
Cambridge LF (Academy, Hawaiian Blue, Mirage, Vernal Pond)		96	104	96	104	96	104	96	104	96	104										
Cambridge LF 76" (Ivory)		76	144	76	144	76	144	76	144	76	144										
Cambridge LF 92" (Inkwell, Misty, Off White, White)		92	140	92	140	92	140	92	140	92	140										
Cambridge RD (Academy, Hawaiian Blue, Mirage, Vernal Pond)		82	110	82	110	82	110	82	110	82	110	88	96	88	96	88	96	88	96		
Cambridge RD 76" (Ivory)		76	114	76	121	76	121	76	121	76	121	93	66	93	66	93	66	93	66		
Cambridge RD 92" (Inkwell, Misty, Off White, White)		82	110	82	110	82	110	82	110	82	110	90	82	90	82	90	82	90	82		
Capri		70	107	70	144	70	144	70	144	70	144	Not available									
Chakra		92	144	92	144	92	144	92	144	92	144	Not available									
Chronicles		82	87	82	87	82	87	82	87	82	87	Not available									
Complex		84	70	78	78	78	78	78	78	78	78	Not available									
Conservancy LF		74	91	74	97	74	97	74	97	74	97	Not available									
Conservancy BO		70	65	70	65	70	65	70	65	70	65	Not available									
Consummate Silk		79	96	79	104	79	104	79	104	79	104	Not available									
Debonair		95	87	95	87	95	87	95	87	95	87	Not available									
Delphine BO		88	82	82	95	82	95	82	95	82	95	Not available									
Delphine LF		96	102	96	102	96	102	96	102	96	102	Not available									
Destin BO		87	80	82	87	82	87	82	87	82	87	Not available									
Diplomat		96	90	96	90	96	90	96	90	96	90	Not available									
Dorian		92	118	92	144	92	144	92	144	92	144	Not available									
Earth Synergy		82	103	82	103	82	103	82	103	82	103	Not available									
EcoEncore		97	101	97	101	97	101	97	101	97	101	Not available									

Seams may be added to fabrics to accommodate long shade requirements. Seams will be placed as close to the tube as possible; seam location is not selectable. Seams are visible when the shade is fully extended.

Size Considerations

Minimum width: 13"
Minimum height: 13"

Lightweaves® Roller and Solar Shades: Motorized Wand Lift Maximum Shade Size														
Valance Type		Normal Fabric Orientation						Fabric Turned Width For Height (railroaded)						
		Small Cassette			Medium Cassette			4" Fascia			Small Cassette			4" Fascia
		Width (inches)	Height (inches)	Large Cassette/ Contour Valance/ No Cassette/No Valance	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	
Fabric														
Ellington 1%		75	81	75	81	75	81	75	81	75	81	75	81	81
Ellington 3%		77	84	76	90	76	90	76	90	76	90	76	90	90
Ellington 5%		71	64	71	64	71	64	71	64	71	64	71	64	
Emerson		74	84	82	89	82	89	82	89	82	89	82	89	
Empirical		96	98	96	98	96	98	96	98	96	98	96	98	
Emporium (Bookplate White)		94	82	94	82	94	82	94	82	94	82	94	82	
Emporium (Sepia Snapshot)		89	94	82	112	82	112	82	112	82	112	82	112	
Emporium (All Others)		90	97	90	97	90	97	90	97	90	97	90	97	
EnviroINFUSION		96	105	96	105	96	105	96	105	96	105	96	105	
Essential		70	109	70	109	70	109	70	109	70	109	70	109	90
Exposition		75	67	82	78	82	78	82	78	82	78	82	78	
Florian		92	135	92	137	92	137	92	137	92	137	92	137	
Freesia		102	118	102	119	102	119	102	119	102	119	102	119	
Gallery		92	140	92	140	92	140	92	140	92	140	92	140	
Gleam		79	90	79	90	79	90	79	90	79	90	79	90	
Grasses		72	84	72	128	72	144	72	144	72	144	72	144	
Guidhall		77	78	77	78	77	78	77	78	77	78	77	78	
Halifax		92	103	92	103	92	103	92	103	92	103	92	103	
Harmonics		92	94	92	94	92	94	92	94	92	94	92	94	
Harmony		92	124	92	124	92	124	92	124	92	124	92	124	
Jacinta		97	99	97	99	97	99	97	99	97	99	97	99	
Kindred		97	101	97	101	97	101	97	101	97	101	97	101	
Levity		100	88	97	118	97	118	97	118	97	118	97	118	
Linnea		96	144	96	144	96	144	96	144	96	144	96	144	
LiveWell		79	76	77	79	77	79	77	79	77	79	77	79	79
Manifest BO		82	117	82	117	82	117	82	117	82	117	82	117	
Manifest LF		92	144	92	144	92	144	92	144	92	144	92	144	
Marina		96	86	95	96	95	96	95	96	95	96	95	96	
Mayfair		99	117	99	117	99	117	99	117	99	117	99	117	
Merit		75	93	75	93	75	93	75	93	75	93	75	93	
Momentum		85	78	82	82	82	82	82	82	82	82	82	82	

Seams may be added to fabrics to accommodate long shade requirements. Seams will be placed as close to the tube as possible; seam location is not selectable. Seams are visible when the shade is fully extended.

Size Considerations

Minimum width: 13"
Minimum height: 13"

Lightweaves® Roller and Solar Shades: Motorized Wand Lift Maximum Shade Size

Valance Type		Normal Fabric Orientation						Fabric Turned Width For Height (railroaded)					
		Small Cassette			Medium Cassette			Large Cassette/ Contour Valance/ No Cassette/No Valance at Max Length			Large Cassette/ Contour Valance/ No Cassette/ No Valance at Max Width		
		Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)
Fabric													
Montaco		76	144	76	144	76	144	101	66	101	66	101	66
Monticello		74	69	77	78	77	78	74	69	77	78	77	78
Nantucket		77	64	82	82	82	82						
Nebula		79	59	76	71	76	71						
Northshore		95	78	95	78	95	78						
Olbrecht		77	80	75	93	75	93						
Paragon		76	89	76	89	76	89						
Parliament		92	124	92	144	92	144						
PlanetSafe		97	97	97	97	97	97						
Plexus 1% (Soapstone, Tranquility, Sublime Gray)		74	60	74	60	74	60	74	60	74	60	74	60
Plexus 1% (Renewal, Provisions, Chalcedony, Stately, Landmark, Niche, Travertine, Penumbra, Nutley Pier, Black Granite)		76	60	71	66	71	66	76	60	71	66	71	66
Plexus 3% (Soapstone, Tranquility, Sublime Gray)		77	60	73	64	73	64	77	60	73	64	73	64
Plexus 3% (Renewal, Provisions, Chalcedony, Stately, Landmark, Niche, Travertine, Penumbra, Nutley Pier, Black Granite)		77	63	74	66	74	66	77	63	74	66	74	66
Plexus 5% (Soapstone, Tranquility, Sublime Gray)		74	66	74	66	74	66	74	66	74	66	74	66
Plexus 5% (Renewal, Provisions, Chalcedony, Stately, Landmark, Niche, Travertine, Penumbra, Nutley Pier, Black Granite)		78	66	78	66	78	66	78	66	78	66	78	66
Porter		82	52	76	85	76	85						
Providence BO		71	57	65	94	65	94						
Providence LF		74	90	74	90	74	90						
Quintessence		79	78	77	93	77	93						
Reaction		82	87	82	87	82	87						
Renaissance		97	107	97	107	97	107						
Riverbend		92	140	92	140	92	140						

Seams may be added to fabrics to accommodate long shade requirements. Seams will be placed as close to the tube as possible; seam location is not selectable. Seams are visible when the shade is fully extended.

Size Considerations

Minimum width: 13"
Minimum height: 13"

Lightweaves® Roller and Solar Shades: Motorized Wand Lift Maximum Shade Size																							
Normal Fabric Orientation																							
Valance Type		Small Cassette				Medium Cassette				Large Cassette/ Contour Valance/ No Cassette/No Valance				4" Fascia		Fabric Turned Width For Height (railroaded)							
Fabric		Small Cassette		Medium Cassette		Large Cassette/ Contour Valance/ No Cassette/No Valance		4" Fascia		Small Cassette				Medium Cassette				Large Cassette/ Contour Valance/ No Cassette/ No Valance at Max Width				4" Fascia	
		Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)				
Sabine		82	81	82	81	82	81	82	81	81	78	81	78	81	78	81	78	81	78	81	78		
SafeSync		77	66	76	70	76	70	76	70														
Sakura		67	58	77	68	77	68	77	68	77	68	77	68	77	68	77	68						
Salutation		96	98	96	98	96	98	96	98	96	98	96	98	96	98								
Sanguine		73	63	77	68	77	68	77	68	77	68	77	68	77	68								
Santorini		76	124	76	144	76	144	76	144	76	144	76	144	76	144								
Shadow		82	86	82	86	82	86	82	86	82	86	82	86	82	86								
Sheffield		96	94	96	94	96	94	96	94	96	94	96	94	96	94								
Shiloh		96	99	96	99	96	99	96	99	96	99	96	99	96	99								
Solana BO		77	71	75	86	75	86	75	86														
Standard Weave 1% (Calcite, Polished)		81	78	81	78	81	78	81	78	81	78	81	78	81	78	81	78	81	78	81	78		
Standard Weave 1% (Daikon, Infalible, Once)		82	80	82	80	82	80	82	80														
Standard Weave 1% (Veranda, Cafe Doppio, Chiseled)		79	78	79	78	79	78	79	78														
Standard Weave 10% (Cafe Doppio, Chiseled, Daikon, Infalible, Once Veranda)		82	90	82	90	82	90	82	90														
Standard Weave 10% (Calcite, Polished)		82	98	82	98	82	98	82	98	82	98	82	98	82	98	82	98	82	98	82	98		
Standard Weave 3% (Calcite, Polished)		82	78	82	78	82	78	82	78	82	78	82	78	82	78	82	78	82	78	82	78		
Standard Weave 3% (Daikon, Infalible, Once)		82	84	82	84	82	84	82	84	82	84	82	84	82	84	82	84	82	84	82	84		
Standard Weave 3% (Veranda, Cafe Doppio, Chiseled)		81	78	81	78	81	78	81	78														
Standard Weave 5% (Calcite, Polished)		82	89	82	89	82	89	82	89	82	89	82	89	82	89	82	89	82	89	82	89		
Standard Weave 5% (Daikon, Infalible, Once)		82	87	82	87	82	87	82	87	82	87	82	87	82	87	82	87	82	87	82	87		
Standard Weave 5% (Veranda, Cafe Doppio, Chiseled)		82	84	82	84	82	84	82	84	82	84	82	84	82	84	82	84	82	84	82	84		

Seams may be added to fabrics to accommodate long shade requirements. Seams will be placed as close to the tube as possible; seam location is not selectable. Seams are visible when the shade is fully extended.

Size Considerations

Minimum width: 13"
Minimum height: 13"

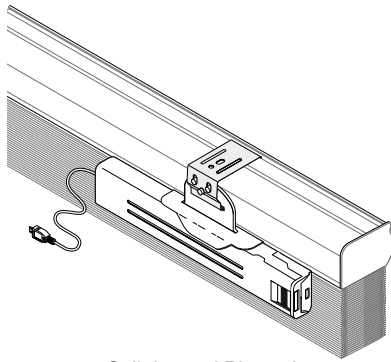
Lightweaves® Roller and Solar Shades: Motorized Wand Lift Maximum Shade Size

Valance Type		Normal Fabric Orientation						Fabric Turned Width For Height (railroaded)											
		Small Cassette		Medium Cassette		Large Cassette/ Contour Valance/ No Cassette/No Valance		4" Fascia		Small Cassette		Medium Cassette		Large Cassette/ Contour Valance/ No Cassette/ No Valance at Max Length		Large Cassette/ Contour Valance/ No Cassette/ No Valance at Max Width		4" Fascia	
Fabric		Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)
Suburban II		72	144	72	144	72	144	72	144	100	62	100	62	100	62	100	62	100	62
Synthesis		74	67	77	78	77	78	77	78	Not available									
Tableaux		74	55	73	66	73	66	73	66	Not available									
Thesis		70	93	70	124	70	124	70	124	Not available									
Tuvalu		96	104	96	104	96	104	96	104	Not available									
Unison		95	78	95	78	95	78	95	78	Not available									
Vancouver		95	91	95	91	95	91	95	91	Not available									
Vanguard 1% (Authentic, Gentle Beige, Chrome, Pendulum)		81	78	81	78	81	78	81	78	81	78	81	78	81	78	81	78	81	78
Vanguard 1% (Cortina, Obsidian)		82	80	82	80	82	80	82	80	82	80	82	80	82	80	82	80	82	80
Vanguard 1% (Elusive,Macedonia, Dew, Homage, Peloton)		79	78	79	78	79	78	79	78	79	78	79	78	79	78	79	78	79	78
Vanguard 3% (Authentic, Gentle Beige, Chrome, Pendulum)		82	84	82	84	82	84	82	84	82	84	82	84	82	84	82	84	82	84
Vanguard 3% (Cortina, Obsidian)		81	78	81	78	81	78	81	78	81	78	81	78	81	78	81	78	81	78
Vanguard 3% (Elusive,Macedonia, Dew, Homage, Peloton)		82	78	82	78	82	78	82	78	82	78	82	78	82	78	82	78	82	78
Vanguard 5% (Authentic, Gentle Beige, Chrome, Pendulum)		82	87	82	87	82	87	82	87	82	87	82	87	82	87	82	87	82	87
Vanguard 5% (Cortina, Obsidian)		82	84	82	84	82	84	82	84	82	84	82	84	82	84	82	84	82	84
Vanguard 5% (Elusive,Macedonia, Dew, Homage, Peloton)		82	89	82	89	82	89	82	89	82	89	82	89	82	89	82	89	82	89
Verve		96	80	95	89	95	89	95	89	Not available									
Vivaldi		79	96	79	104	79	104	79	104	Not available									
Wayfarer		92	144	92	144	92	144	92	144	Not available									
Whitcomb		95	87	95	87	95	87	95	87	Not available									
Whitehall		88	102	82	115	82	115	82	115	91	82	91	82	91	82	91	82	91	82
Whittaker BO		89	71	82	88	82	88	82	88	Not available									
Zen		82	84	92	118	92	118	92	118	Not available									

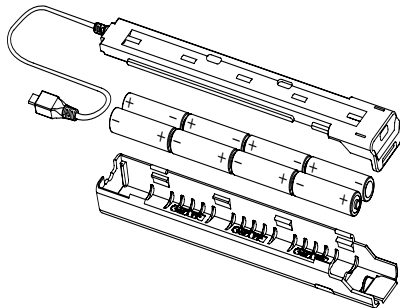
Seams may be added to fabrics to accommodate long shade requirements. Seams will be placed as close to the tube as possible; seam location is not selectable. Seams are visible when the shade is fully extended.

Options

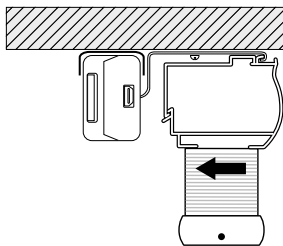
Power Considerations



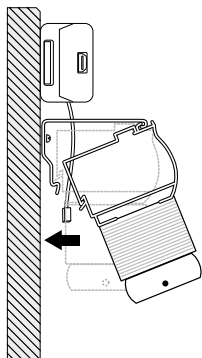
Cellular and Pleated
Battery Consideration
(back view)



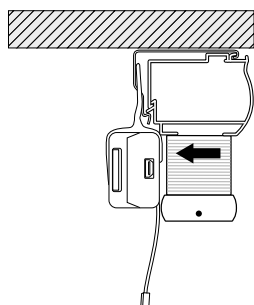
Battery Case (non-rechargeable solution)



Ceiling/Inside Mount



Outside Mount



Inside Mount

Motors can be powered by non-rechargeable AA batteries, rechargeable battery pack, or plug-in transformer. Each shade requires a motor and appropriate power source.

Power Considerations

Rechargeable battery packs must be charged before use. Charge times could vary.

Larger shades consume more power while operating. When choosing the appropriate power source based upon the shade size, we recommend the following power sources for the best performance.

Power Source	Estimated Life (Average Size Shade: 48" x 60")
Rechargeable Li-Ion Battery Pack	3+ Years (before recharge)
Reloadable Battery Case (AA Lithium)	2+ Years
Reloadable Battery Case (AA Alkaline)	1+ Years

Based on average size shade, opening and closing once per day.

Plug-in transformer or the rechargeable battery pack is recommended for larger shades (over 3,600 square inches) to extend battery life.

Transformer power is recommended for larger shades (over 7,200 square inches) to provide the best experience with regular shade operation.

Battery Case Considerations

Battery power recommended for maximum of 10 shades for best battery performance.

Battery cases are installed in space outside of the product and can be a challenge to hide in some windows.

For Inside Mounts

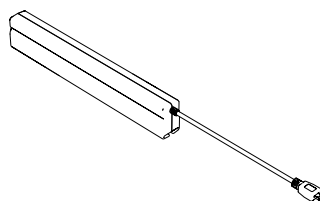
- The cleanest and simplest method available for cellular and pleated shades is the integrated battery case hanger; this hanger attaches directly to a shade bracket to support the battery case while allowing the case to be removed for battery changes; additional recessed space will be needed

For Outside Mounts

- For outside mounts, battery cases can be installed above or to the side of the shade

NOTE: For best performance with non-rechargeable solutions, use AA lithium batteries.

Power Source	Dimensions
Battery case	9¼" x 1¼" x 7⁄8"
Battery case minimum recessed space (installed with bracket)	product minimum recessed space + ¾"
Rechargeable battery pack	8⁹⁄₁₆" x 1⁷⁄₁₆" x 1⁵⁄₁₆"



Rechargeable Battery Pack

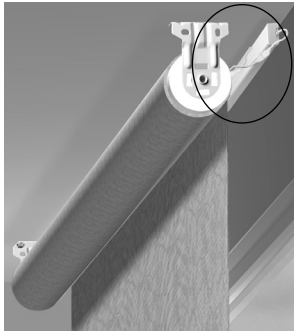


Li-Ion Charger

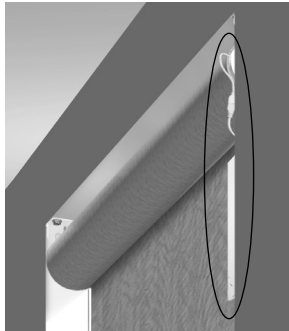
Options

Power Considerations

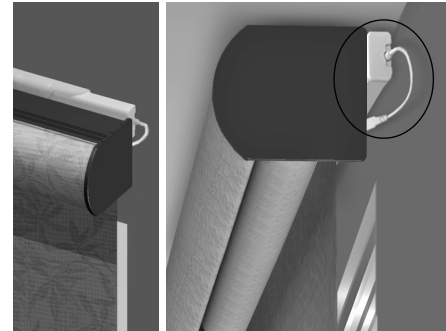
Solar/Roller Shade Battery Considerations



Solar/Roller Shades
Outside Mount Battery Pack



Solar/Roller Shades
Inside Mount Battery Pack



Solar/Roller Shades with Cassette
Battery Pack

Transformer power recommended for shade systems of any quantity.

DC Plug-in Transformer Considerations

A power outlet must be within cord length to power motor.

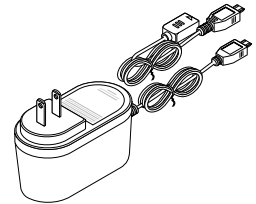
Transformer includes 72" power cord and a 96" extension cable (power cord and extension cord cannot be cut to length or trimmed).

A transformer is recommended on all shades over 7,200 square inches.

Transformer dimensions

4" wide x 2" deep (not including plug) x 1½" tall (as you look at the plug in the outlet).

NOTE: Due to the many variations of installations, wire management components are not included with your motorized shade system. There are numerous wire management products available at your local hardware store or home improvement center to help disguise the power cord when using a plug-in transformer. An example of a popular wire management accessory is wire channel. Wire channel is a vinyl sheathing that can be placed along the window casing or wall that houses and conceals exposed wiring for a clean and professional appearance.

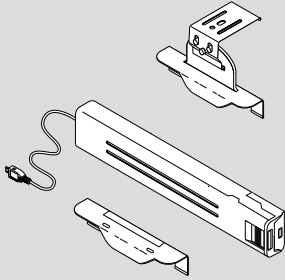


DC Plug-In Transformer

Options

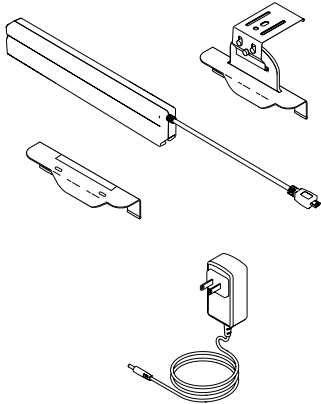
Power Components

NOTE: These power supplies are not compatible with Somfy® RTS motors.



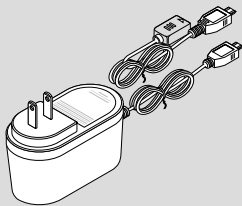
Battery Case

- Reloadable: available with or without batteries
- Multiple mounting options provided
- Simple case design allows for easy battery replacement
- Recommend that shades greater than 3,600 square inches utilize rechargeable battery pack or plug-in transformer battery
- For shades exceeding 7,200 square inches, we recommend a plug-in transformer
- For best performance, use AA lithium batteries (each case requires 8 AA lithium batteries)
 - AA Alkaline Batteries are acceptable to use with this product
- 48" and 96" extensions available; maximum of two per motor
- Battery power recommended for maximum of 10 shades for best battery performance



Rechargeable Battery Pack

- The rechargeable battery pack comes as a sealed pack with the batteries already included; batteries are charged by plugging the charger into the pack
- Multiple mounting options provided
- For shades exceeding 7,200 square inches, we recommend a plug-in transformer
- 48" and 96" motor-to-battery extensions available; maximum of two per motor
- Rechargeable battery packs ship at 30% charge and must be fully charged prior to installation
- Dual pack configuration is not available or necessary for the rechargeable battery packs
- One Lithium-ion charger is required per order; sold separately
- Lithium-ion charger cable is 6 feet
- Lithium-ion charger has an LED that turns red to indicate charging and green to indicate fully charged
- Fully charging the rechargeable battery pack takes an average of five hours



Plug-In Transformer

- Eliminates the need for batteries
- Small plug profile
- Cord can be concealed behind curtains or along trim
- 72" power cord and 96" extension cable (power cord and extension cable cannot be cut to length)
- 48" and 96" extensions available; maximum of two per motor
- We recommend shades greater than 7,200 square inches utilize a transformer to eliminate changing batteries frequently
- Available in White only

Transformer Dimensions

- 4" wide x 2" deep (not including plug) x 1½" tall (as you look at the plug in the outlet)
- Wire management components are not included with your motorized shade system
 - Refer to 12-volt power considerations for further details

GRABER®

Graber is a brand of Springs Window Fashions, the Best Experience Company

Graber and the Graber logo are registered trademarks of Springs Window Fashions, LLC.

(12/21) | 21-273656

GRABER.

Graber Motorized Wand US Price List — Effective June 2020

Motorized Wand

See product information guide for illustrations of power and control items listed below. Select motor package and add to price of shade.

Motorized Wand Motor Pricing

See options section for descriptions and illustrations of items listed below.

A. Motorized Wand Motor Pricing

Add price of motor to blind or shade price.

Order Entry: 12V Motorized Wand (Option 12)

NOTE: Wand length and color is predetermined based off fabric choice and shade length. This can be overridden if desired.

Motor Options (Pricing Includes Motor and Wand)

Cellular and Pleated	\$185
Roller and Solar	\$185

NOTE: For all other non-motorization options, see individual price list for specific blind or shade.

B. Motorized Wand Power Sources

Choose one (1) battery option or one (1) transformer per motor.

12-Volt Power Options

Battery Cases	
Single Non-Rechargeable, Reloadable Battery Case (empty)	\$45
Single Non-Rechargeable, Reloadable Battery Case (filled) (Includes 8 AA alkaline batteries)	\$83
Single Non-Rechargeable, Reloadable Battery Case (filled) (Includes 8 AA lithium batteries)	\$109
Other Power Options	
48" (121.9 cm) Extension Cable	\$20
96" (243.8 cm) Extension Cable	\$24
12 Volt DC Plug-In Transformer (includes 96" (243.8 cm) extension)	\$109
12-Volt Rechargeable Power Options	
12-Volt Rechargeable Battery Pack	\$165
12-Volt 6 foot (1.9 m) Li-ion Charger	\$20