

# MOTORIZED BLINDS AND SHADES

## Table of Contents

### Features and Size Considerations

Motorized Blind and Shade Features . . . . .	2
Radio Frequency (RF) Features . . . . .	2
Channel and Control Assignments . . . . .	2
Standard Motor Features . . . . .	2
CrystalPleat® Cellular Motorized Lift . . . . .	3
Pleated Shades Motorized Lift . . . . .	4
Fresco® Roman Motorized Lift . . . . .	5
Horizontal Blinds Motorized Tilt . . . . .	6
Tradewinds® Natural Shades Motorized Lift . . . . .	7
Artisan Soft Shades Motorized Lift . . . . .	8
Mezzanine Layered Shades Motorized Lift, Light Gap . . . . .	9-10
Overture Sheer Shades Motorized Lift, Light Gap . . . . .	11-12
LightWeaves® Roller and Solar Shades Motorized Lift . . . . .	13
12 Volt Motor: Maximum Shade Size . . . . .	14-15
24 Volt Motor: Maximum Shade Size . . . . .	16-17
120 Volt Motor: Maximum Shade Size . . . . .	18-19
Dual Shades: Maximum Shade Size . . . . .	20-21
Exterior Solar Shades Motorized Lift, Exterior Solar Shades: Maximum Shade Size . . . . .	22
Guide Cables (Motorized Exterior Shades Only), Motor Power Cable . . . . .	23

### Options

12 Volt Power Considerations . . . . .	24
24 Volt Power Considerations, 120 Volt Power Considerations . . . . .	25
Low Voltage 12 Volt and 24 Volt Power Components . . . . .	26-27
Radio Frequency Controls . . . . .	28
Integration Devices . . . . .	29
Specialty Radio Frequency Controls . . . . .	30
Exterior Solar Shade Motorization Controls . . . . .	31
Standard Motor 120 Volt Controls . . . . .	32

### Price Charts and Options Pricing

Motor Pricing by Product: Radio Frequency . . . . .	33
Motor Pricing, Motorization Power Sources, Motorization Controls . . . . .	33
Motor Pricing by Product: 120 Volt Standard Motor . . . . .	34
Motor Pricing, 120 Volt Standard Motor Control Options, Standard Control Options, Advanced Control Options . . . . .	34



# Features

## Motorized Blind and Shade Features

Refer to individual base price list for specific option and size information for the product being ordered.

## Radio Frequency (RF) Features

Motorized Graber® blinds and shades feature Somfy® radio frequency motors and accessories. All Somfy radio frequency motors utilize Somfy's proprietary protocol Radio Technology Somfy® (RTS). Motorized blinds and shades feature the following:

- Window treatments can be operated from virtually anywhere in the home up to 65 feet (19.9 m)
- Provides easy operation of hard-to-reach or large windows
- Efficiently manages energy (heat gain and loss)
- Operate multiple window treatments simultaneously or individually
- A safer alternative to accessible cords that are traditionally used to operate window coverings; ideal for homes with children and pets
- Easily integrated with home automation systems
- Not available with hold down brackets or specialty window treatments

### Multiple Control Options Available

- Remote: convenient, portable control (single, five, or sixteen channel available)
- Wall switch: control shades/blinds when entering or exiting a room with the simple push of a button
- Timer: allows you to program operation at certain times of the day
  - Manage heat loss and gain automatically; a great way to reduce your energy bill in any season
  - Protect furniture from harmful UV rays
  - Improve security by making your home look occupied
- Automation interface: multiple interface options are available to allow your motorized shades to integrate with third party automation systems

## Channel and Control Assignments

Channel and control assignments are available when you purchase motorized window coverings. Specifying channels simplifies your install process by pre-programming each shade to the appropriate channel and control for your order.

- Each individual window covering can be assigned to a single channel, enabling unique control; multiple window coverings can also be assigned to an individual channel, enabling group control
  - Channel assignment is recommended on all radio frequency (RF) controls within the same product type
  - Custom programming available on handheld remotes, table top remotes, and wall switches only

## Standard Motor Features

### Standard Motors Feature the Following

- Available with solar and roller products only
- Standard motors are hard-wired both to power (line voltage) and controls
- 120 volt motors allow operation of large shades (see motorization size charts)
- Hard-wired controls provide the most reliable control of shades
- Control options include
  - Wall switches for convenient, reliable control or dry contact outputs provided by certain home automation packages
  - Group controllers to operate multiple shades with a single switch

# Size Considerations

## CrystalPleat® Cellular Motorized Lift



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

### Features

- Window treatments can be operated from virtually anywhere in the home
- Provides easy operation of hard-to-reach or large window coverings
- A safer alternative to accessible cords that are traditionally used to operate window coverings; ideal for homes with children and pets
- Efficiently manages energy (heat gain and loss)
- Operate multiple window treatments simultaneously or individually
- Easily integrated with home automation systems
- Low voltage motorization requires no costly electrical hard-wiring
- Motor located on right side within the headrail
- Powered with battery, solar power kit, plug-in transformer, or multi-motor power supply
- Multiple shades on one headrail available; each panel will have a motor and power source
- Not available with bottom up/top down, sun up/sun down, top down only, SkyTrack™, Perfect-Vue™, or specialty shapes
- Not available with hold down or side mount brackets

### Multiple Control Options Available

- Remote: convenient, portable control
- Wall switch: control shades/blinds when entering or exiting a room with the simple push of a button
- Timer: allows you to program operation at certain times of the day
  - Manage heat loss and gain automatically; a great way to reduce your energy bill in any season
  - Protect furniture from harmful UV rays
  - Improve security by making your home look occupied when you're away
- Automation interface: multiple interface options are available to allow your motorized shades to integrate with third party automation systems

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

Cellular Size Considerations	Minimum Width* inches (cm)	Maximum Width inches (cm)	Minimum Height inches (cm)	Maximum Height inches (cm)
All Fabric Styles Except Cocoon	29½ (74.0) for smaller shades see below	144 (365.8)†	9 (22.9)	144 (365.8)
Cocoon	25½ (64.5) for smaller shades see below	86 (218.5)	9 (22.9)	96 (243.9)

\*For all inside mount applications, ⅝" (1.0 cm) deduction is taken by the manufacturer on overall width.

†Based on fabric width.

Maximum overall panel size = 12,960 square inches (90 square feet) (8.4 square meters)

Garden Retreat double cell limited to 10,080 square inches (70 square feet) (6.5 square meters) for shades over 84" (213.4 cm) wide.

### For Shades Less Than Minimum Width

If Finished Shade Width Is inches (cm)	Maximum Height of Shade inches (cm)
Equal to 19½ (49.9) but less than 20 (50.8)	24½ (62.6)
Equal to 20 (50.8) but less than 20½ (52.1)	29½ (74.7)
Equal to 20½ (52.1) but less than 21 (53.4)	35½ (90.5)
Equal to 21 (53.4) but less than 21½ (54.7)	42 (106.7)
Equal to 21½ (54.7) but less than 22 (55.9)	48½ (122.6)
Equal to 22 (55.9) but less than 22½ (57.2)	54½ (138.5)
Equal to 22½ (57.2) but less than 23 (58.5)	60¾ (154.4)
Equal to 23 (58.5) but less than 23½ (59.7)	67½ (170.5)
Equal to 23½ (59.7) but less than 24 (61.0)	73¾ (186.4)
Equal to 24 (61.0) but less than 24½ (62.3)	79¾ (202.3)
Equal to 24½ (62.3) but less than 25 (63.5)	85¾ (218.2)
Equal to 25 (63.5) but less than 25½ (64.8)	92¼ (234.4)
Equal to 25½ (64.8) but less than 26 (66.1)	98½ (250.2)
Equal to 26 (66.1) but less than 26½ (67.4)	104¾ (266.1)
Equal to 26½ (67.4) but less than 27 (68.6)	111½ (282.3)
Equal to 27 (68.6) but less than 27½ (69.9)	117¾ (298.2)
Equal to 27½ (69.9) but less than 28 (71.2)	123¾ (314.1)
Equal to 28 (71.2) but less than 28½ (72.4)	129¾ (329.9)
Equal to 28½ (72.4) but less than 29 (73.7)	136¼ (346.1)
Equal to 29 (73.7) but less than 29½ (74.0)	142½ (362.0)
29½ (74.0) or greater	144 (365.8)

## Size Considerations

### Pleated Shades Motorized Lift



Pleated Size Considerations	Minimum Width* inches (cm)	Maximum Width inches (cm)	Minimum Height inches (cm)	Maximum Height inches (cm)
1" (2.6 cm) FashionPleat®	25½ (64.8) for smaller shades see below	144 (365.8)†	9 (22.9)	96 (243.9)
1" (2.6 cm) EvenPleat®		120 (304.8)†	6 (15.3)	96 (243.9)
2" (5.1 cm) EvenPleat	27¾ (69.6) for smaller shades see below	144 (365.8)†	12 (30.5)	120 (304.8)**

\*For all inside mount applications, ⅝" (1.0 cm) deduction is taken by manufacturer on overall width.

\*\*Height limited to 96" (243.9 cm) with overlap.

†Based on fabric width with overlaps.

### For Shades Less Than Minimum Width

If Finished Shade Width Is inches (cm)	1" (2.6 cm) FashionPleat and EvenPleat Maximum Height of Shade inches (cm)	2" (5.1 cm) EvenPleat Maximum Height of Shade inches (cm)
Equal to 19¾ (49.9) but less than 20 (50.8)	23½ (59.7)	23½ (59.7)
Equal to 20 (50.8) but less than 20½ (52.1)	28¼ (71.8)	28¼ (71.8)
Equal to 20½ (52.1) but less than 21 (53.4)	34½ (87.7)	34½ (87.7)
Equal to 21 (53.4) but less than 21½ (54.7)	40¾ (103.9)	40¾ (103.9)
Equal to 21½ (54.7) but less than 22 (55.9)	47¼ (119.7)	47¼ (119.7)
Equal to 22 (55.9) but less than 22½ (57.2)	53¾ (135.6)	53¾ (135.6)
Equal to 22½ (57.2) but less than 23 (58.5)	59¾ (151.5)	59¾ (151.5)
Equal to 23 (58.5) but less than 23½ (59.7)	66 (167.7)	66 (167.7)
Equal to 23½ (59.7) but less than 24 (61.0)	72¼ (183.6)	72¼ (183.6)
Equal to 24 (61.0) but less than 24½ (62.3)	78½ (199.4)	78½ (199.4)
Equal to 24½ (62.3) but less than 25 (63.5)	84¾ (215.3)	84¾ (215.3)
Equal to 25 (63.5) but less than 25½ (64.8)	91¼ (231.5)	91¼ (231.5)
Equal to 25½ (64.8) but less than 26 (66.1)	96 (243.9)	97¾ (247.4)
Equal to 26 (66.1) but less than 26½ (67.4)	96 (243.9)	103¾ (263.3)
Equal to 26½ (67.4) but less than 27 (68.6)	96 (243.9)	110 (279.4)
Equal to 27 (68.6) but less than 27¾ (69.6)	96 (243.9)	116¼ (295.3)
Greater than 27¾ (69.6)	96 (243.9)	120 (304.8)

## Size Considerations

### Fresco® Roman Motorized Lift



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

#### Features

- Window treatments can be operated from virtually anywhere in the home, up to 65 feet (19.9 m)
- Provides easy operation of hard-to-reach or large window coverings
- A safer alternative to accessible cords that are traditionally used to operate window coverings; ideal for homes with children and pets
- Efficiently manages energy (heat gain and loss)
- Operate multiple window treatments simultaneously or individually
- Easily integrated with home automation systems
- Low voltage motorization requires no costly electrical hard-wiring
- Motor located on right side within the headrail
- Powered with solar power kit, batteries, plug-in transformer, or multi-motor power supply
- Multiple shades on one headrail available; each panel will have a motor and power source
- Not available with bottom up/top down
- Not available with hold down brackets

#### Multiple Control Options Available

- Remote: convenient, portable control
- Wall switch: control shades/blinds when entering or exiting a room with the simple push of a button
- Timer: allows you to program operation at certain times of the day
  - Manage heat loss and gain automatically; a great way to reduce your energy bill in any season
  - Protect furniture from harmful UV rays
  - Improve security by making your home look occupied when you're away
- Automation interface: Z-Wave interface option allows your motorized shade to integrate with third party automation systems which operate using Z-Wave protocol

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

Roman Size Considerations	Minimum Width* inches (cm)	Maximum Width inches (cm)	Minimum Height inches (cm)	Maximum Height inches (cm)
Roman Shades: Classic Flat or Looped	25½ (64.8) for smaller shades see below	144 (365.8)†	18 (45.8)	96 (243.9)

\*For all inside mount applications, ⅜" (1.0 cm) deduction is taken by manufacturer on overall width.

†Based on fabric width.

Side mount maximum width = 60" (152.4 cm).

#### For Shades Less Than Minimum Width:

If Shade Width Is At Least inches (cm)	Maximum Height of Shade inches (cm)
19½ (49.9) but less than 20 (50.8)	23½ (59.7)
20 (50.8) but less than 20½ (52.1)	28¾ (71.8)
20½ (52.1) but less than 21 (53.4)	34½ (87.7)
21 (53.4) but less than 21½ (54.7)	40⅞ (103.9)
21½ (54.7) but less than 22 (55.9)	47⅞ (119.7)
22 (55.9) but less than 22½ (57.2)	53⅞ (135.6)
22½ (57.2) but less than 23 (58.5)	59⅞ (151.5)
23 (58.5) but less than 23½ (59.7)	66 (167.7)
23½ (59.7) but less than 24 (61.0)	72¼ (183.6)
24 (61.0) but less than 24½ (62.3)	78½ (199.4)
24½ (62.3) but less than 25 (63.5)	84¾ (215.3)
25 (63.5) but less than 25½ (64.8)	91⅞ (231.5)
25½ (64.8) or greater	96 (243.9)

# Size Considerations

## Horizontal Blinds Motorized Tilt



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

- Available with: 2" (5.1 cm) Traditions® Wood Blinds  
 2<sup>3</sup>/<sub>8</sub>" (6.1 cm) Traditions Wood Blinds  
 2<sup>1</sup>/<sub>2</sub>" (6.4 cm) Traditions Shutter Style Wood Blinds  
 2" (5.1 cm) Elite and 2<sup>3</sup>/<sub>8</sub>" (6.1 cm) Wood Blinds  
 2" (5.1 cm) Traditions Composite Blinds  
 2" (5.1 cm) Vinyl Blinds  
 2" (5.1 cm) Grandeur™ Aluminum Blinds

### Features

- Motorization will only tilt slats; raising or lowering the blind is manual with cord lift
- Provides easy operation of hard-to-reach or large window coverings
- A safer alternative to accessible cords that are traditionally used to operate window coverings; ideal for homes with children and pets
- Efficiently manages energy (heat gain and loss)
- Operate multiple window treatments simultaneously or individually
- Easily integrated with home automation systems
- Low voltage motorization requires no costly electrical hard-wiring
- Powered with battery, solar power kit, plug-in transformer, or multi-motor power supply
- Motor located on the left side within the headrail; cord lift is on the right side
- Multiple blinds on one headrail available; all panels will share one motor and power source
- Not available with specialty shapes or hold down brackets

### Multiple Control Options Available

- Remote: convenient, portable control
- Wall switch: control blinds when entering or exiting a room with the simple push of a button
- Timer: allows you to program operation at certain times of the day
  - Manage heat loss and gain automatically; a great way to reduce your energy bill in any season
  - Protect furniture from harmful UV rays
  - Improve security by making your home look occupied when you're away
- Automation interface: multiple interface options are available to allow your motorized blinds to integrate with third party automation systems

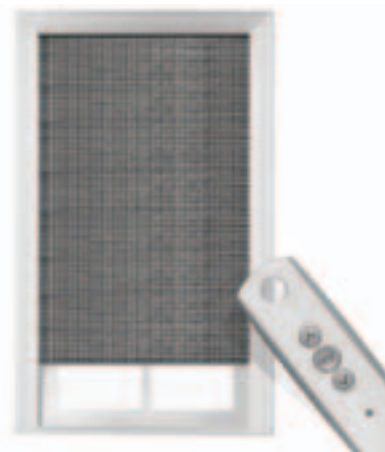
**NOTE:** Motorization components and accessories have a five-year limited warranty, excluding batteries.

Size Considerations	Minimum Width inches (cm)	Maximum Width inches (cm)	Minimum Height inches (cm)	Maximum Height inches (cm)	Maximum Size square inches (cm <sup>2</sup> )
Wood/Composite Blinds	19 (48.3)	96 (243.9)	10 (25.4)	120 (304.8)	2" (5.1 cm) and 2 <sup>3</sup> / <sub>8</sub> " (6.1 cm): 7,200 (46,451.5) 2 <sup>1</sup> / <sub>2</sub> " (6.4 cm): 5,760 (37,161.2)
2" (5.1 cm) Vinyl	19 (48.3)	84 (213.4)	9 <sup>3</sup> / <sub>8</sub> (23.9)	108 (274.4)	7,200 (46,451.5)
2" (5.1 cm) Aluminum	19 (48.3)	84 (213.4)	9 <sup>3</sup> / <sub>8</sub> (23.9)	126 (320.1)	7,200 (46,451.5)

**EXAMPLE:** 96" (243.9 cm) wide x 96" (243.9 cm) high = 9,216 square inches (59,457.9 cm<sup>2</sup>) (over maximum size)  
 18" (45.8 cm) wide x 62" (157.5 cm) high = 1,116 square inches (7,200.0 cm<sup>2</sup>) (under minimum width)  
 67" (170.2 cm) wide x 84" (213.4 cm) high = 5,628 square inches (36,309.6 cm<sup>2</sup>) (size is within acceptable range)

## Size Considerations

### Tradewinds® Natural Shades Motorized Lift



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

#### Features

- Allow for easy operation of hard-to-reach or large window coverings
- Efficiently manages energy (heat gain and loss)
- A safer alternative to accessible cords that are traditionally used to operate window coverings; ideal for homes with children and pets
- Low voltage motorization requires no costly electrical hard-wiring
- Powered with battery, solar power kit, plug-in transformer, or multi-motor power supply
- Available on standard Roman or old style Roman
- Available with multiple shades on one headrail; each panel will have a motor and power source
- Available with 9" (22.9 cm) standard valance, 9" (22.9 cm) premiere valance, or 9" (22.9 cm) deco trim valance
- Available with fabric edge banding, hem options, and liners
- Motor mounted to the underside of hardwood headrail on right side
- Not available with specialty shapes, deco pocket and hem, bottom up/top down, or angle top
- Hold down brackets not available
- Available with bottom corner and bottom center cut-outs

#### Multiple Control Options Available

- Remote: convenient, portable control
- Wall switch: control blinds when entering or exiting a room with the simple push of a button
- Timer: allows you to program operation at certain times of the day
  - Manage heat loss and gain automatically, a great way to reduce your energy bill in any season
  - Protect furniture from harmful UV rays
  - Improve security by making your home look occupied when you're away
- Automation interface: multiple interface options are available to allow your motorized shades to integrate with third party automation systems

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

Size Considerations	Yes	No
Standard Roman	•	
Old Style Roman	•	
Looped Roman		•
Bottom Up/Top Down		•
Angle Top		•
Multiple Shades on One Headrail	•	

Style	Minimum Width inches (cm)	Maximum Size 12 Volt		Maximum Size 24 Volt	
		Shade square inches (cm <sup>2</sup> )	With Liner square inches (cm <sup>2</sup> )	Shade square inches (cm <sup>2</sup> )	With Liner square inches (cm <sup>2</sup> )
Inan, Lipo, Revelry, Serenity, Toushan II, Yunnan	18 (45.8)	2,755 (17,774.2)	2,333 (15,051.6)	3,821 (24,651.6)	3,235 (20,870.9)
Chencun	18 (45.8)	5,194 (33,509.6)	3,878 (25,019.3)	7,219 (46,574.1)	5,376 (34,683.8)
Amour, Boardwalk, Escape, Majian, Merino, Moniz	18 (45.8)	6,058 (39,083.8)	4,330 (27,935.4)	8,410 (54,258.0)	6,010 (38,774.1)
Beachfront, Madeira, Majuro, Meilin, Paralian	18 (45.8)	6,854 (44,219.3)	4,723 (30,470.9)	9,513 (61,374.1)	6,547 (42,238.6)
Azores, Satterra, Terrestrial, Zishan	18 (45.8)	9,149 (59,025.7)	5,712 (36,851.5)	11,520 (74,322.4)	7,920 (51,096.7)

## Size Considerations

### Artisan Soft Shades Motorized Lift



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

#### Features

- Allow for easy operation of hard-to-reach or large window coverings
- Efficiently manages energy (heat gain and loss)
- A safer alternative to accessible cords that are traditionally used to operate window coverings; ideal for homes with children and pets
- Low voltage motorization requires no electrical hard-wiring
- Powered with battery, solar power kit, plug-in transformer, or multi-motor power supply
- Motor mounted to the underside of hardwood headrail on left or right side; standard on right
- Not available with the following
  - Balloon pleat
  - Blackout liner
  - Multiple shades on one headrail

#### Multiple Control Options Available

- Remote: convenient, portable control
- Wall switch: control shades/blinds when entering or exiting a room with the simple push of a button
- Timer: allows you to program operation at certain times of the day
  - Manage heat loss and gain automatically; a great way to reduce your energy bill in any season
  - Protect furniture from harmful UV rays
  - Improve security by making your home look occupied when you're away
- Automation interface: multiple interface options are available to allow your motorized shades to integrate with third party automation systems

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

#### Size Considerations

Width		Height	
Minimum inches (cm)	Maximum inches (cm)	Minimum inches (cm)	Maximum inches (cm)
24 (61.0)	96 (243.9)	18 (45.8)	120 (304.8)

#### Motorized Maximum Shade Area in Square Inches

Shade Group	12 Volt Motorized			24 Volt Motorized		
	Standard or Water Repellant square inches (cm <sup>2</sup> )	Thermal square inches (cm <sup>2</sup> )	Flannel-Back square inches (cm <sup>2</sup> )	Standard or Water Repellant square inches (cm <sup>2</sup> )	Thermal square inches (cm <sup>2</sup> )	Flannel-Back square inches (cm <sup>2</sup> )
1	6,800 (43,870.9)	6,010 (38,774.1)	5,300 (34,193.5)	10,465 (67,516.0)	9,940 (64,128.9)	8,400 (54,193.4)
2	5,612 (36,206.4)	4,958 (31,987.0)	4,600 (29,677.4)	9,120 (58,838.6)	8,860 (57,161.2)	7,500 (48,387.0)
3	4,758 (30,696.7)	4,338 (27,987.0)	4,000 (25,806.4)	8,100 (52,258.0)	8,000 (51,612.8)	6,700 (43,225.7)
4	3,894 (25,122.5)	3,812 (24,593.5)	3,400 (21,935.4)	7,450 (48,064.4)	7,300 (47,096.7)	5,800 (37,419.3)
5	3,318 (21,406.4)	3,230 (20,838.7)	2,840 (18,322.5)	6,700 (43,225.7)	6,610 (42,645.1)	5,200 (33,548.3)
6	N/A	N/A	N/A	N/A	N/A	N/A

**NOTE:** Area is ordered width x ordered height in square inches.

**EXAMPLE:** 60" (152.4 cm) wide x 84" (213.4 cm) high = 5,040 square inches (32,516.1 cm<sup>2</sup>).



## Size Considerations

### Mezzanine Layered Shades Motorized Lift



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

#### Features

- Allow for easy operation of hard-to-reach or large window coverings
- Efficiently manages energy (heat gain and loss)
- A safer alternative to accessible cords that are traditionally used to operate window coverings; ideal for homes with children and pets
- Low voltage motorization requires no costly electrical hard-wiring
- Powered with battery, solar power kit, plug-in transformer, or multi-motor power supply
- Motor located on right or left side; standard on the right
- Fabric wrapped cassette comes standard and creates a cohesive appearance in the window
- Hold down brackets not available

#### Multiple Control Options Available

- Remote: convenient, portable control
- Wall switch: control blinds when entering or exiting a room with the simple push of a button
- Timer: allows you to program operation at certain times of the day
  - Manage heat loss and gain automatically, a great way to reduce your energy bill in any season
  - Protect furniture from harmful UV rays
  - Improve security by making your home look occupied when you're away
- Automation interface: multiple interface options are available to allow your motorized shades to integrate with third party automation systems

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

### Light Gap

The fabric width is narrower than the finished shade width of the tube and its components. See chart below for light gap.

Motor End		Idle End	
Inside Mount inches (cm)	Outside Mount inches (cm)	Inside Mount inches (cm)	Outside Mount inches (cm)
1 <sup>1</sup> / <sub>16</sub> (2.7)	1 (2.6)	<sup>3</sup> / <sub>4</sub> (2.0)	1 <sup>1</sup> / <sub>16</sub> (1.8)

## Size Considerations

### Mezzanine Layered Shades Motorized Lift

Style Name	Color Name	Maximum Width* inches (cm)	Maximum Height* inches (cm)
Aravalli	Bronze	96 (243.9)	52 (132.1)
	Crystal		
	Sand		
Bernina	Birch Bark	96 (243.9)	110 (279.4)
	Mussel Shell		
	Shale		
	Tuxedo		
Cordillera	Acorn	85 (215.9)	75 (190.5)
	Coffee Bean		
	Flax		
	Lily White		
	Rushes		
Crestones	Sand Dune	97 (246.4)	84 (213.4)
	Buff		
	Copper		
	Essential White		
	Lace		
	Midnight		
Culebra	Silversmith	95 (241.3)	110 (279.4)
	Lotus		
	Obsidian		
	Proclamation		
Glorieta	Wren	98 (249.0)	110 (279.4)
	Burnished Caramel		
	Chocolate		
	Cityscape		
	Icicle		
	Noir		

Style Name	Color Name	Maximum Width* inches (cm)	Maximum Height* inches (cm)
Glorieta Sheen	Glisten	98 (249.0)	110 (279.4)
	Zinc		
Herard	Copper	97 (246.4)	77 (195.6)
	Essential White		
	Lace		
	Mercury		
	Silversmith		
Vanoise	Arctic Fox	91 (231.2)	95 (241.3)
	Kodiak		
	Polar		
	Tusk		
Venado	Bisque	85 (215.9)	75 (190.5)
	Charcoal		
	Dusky Mauve		
	Icicle		
	Lily White		
	Mauve		
Raven			
Regiment			

Minimum width: motorized lift 16" (40.7 cm)

Minimum length: 12" (30.5 cm) all control types

\*If the height is shorter than the maximum, a slightly larger width may be available to order. Maximum width is 102" (259.1 cm).

## Size Considerations

### Overture Sheer Shades Motorized Lift



Refer to individual base price list for specific option and size information for the product being ordered.

#### Features

- Allow for easy operation of hard-to-reach or large window coverings
- Efficiently manages energy (heat gain and loss)
- A safer alternative to accessible cords that are traditionally used to operate window coverings; ideal for homes with children and pets
- Low voltage motorization requires no costly electrical hard-wiring
- Powered with battery, solar power kit, plug-in transformer, or multi-motor power supply
- Motor located on right or left side; standard on the right
- Fabric wrapped cassette comes standard and creates a cohesive appearance in the window
- Hold down brackets not available

#### Multiple Control Options Available

- Remote: convenient, portable control
- Wall switch: control blinds when entering or exiting a room with the simple push of a button
- Timer: allows you to program operation at certain times of the day
  - Manage heat loss and gain automatically, a great way to reduce your energy bill in any season
  - Protect furniture from harmful UV rays
  - Improve security by making your home look occupied when you're away
- Automation interface: multiple interface options are available to allow your motorized shades to integrate with third party automation systems

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

### Light Gap

The fabric width is narrower than the finished shade width of the tube and its components. See chart below for light gap.

Motor End		Idle End	
Inside Mount inches (cm)	Outside Mount inches (cm)	Inside Mount inches (cm)	Outside Mount inches (cm)
1 (2.6)	$1\frac{1}{16}$ (2.4)	$1\frac{1}{16}$ (1.8)	$\frac{5}{8}$ (1.6)

## Size Considerations

### Overture Sheer Shades Motorized Lift

Style Name	Color Name	Maximum Width* inches (cm)	Maximum Height* inches (cm)
Glessner 2" (5.1 cm)	Apple Blossom	96 (243.9)	105 (266.7)
	Bechamel		
	Cavalry		
	Downtown		
	Glacial		
	Lemongrass		
	Limestone		
	Macchiato		
	Merlot		
	Portico		
	Rodeo Drive		
	Sable		
	Sandstone		
Stationery			
Vellum			
Glessner Sheen 2" (5.1 cm)	Bubbly	98 (249.0)	110 (279.4)
Glessner Woven 2" (5.1 cm)	Limousine	96 (243.9)	110 (279.4)
	Soiree		
Glessner 3" (7.7 cm)	Bamboo	96 (243.9)	105 (266.7)
	Champagne		
	Silver Mine		
	Apple Blossom		
	Bechamel		
	Cavalry		
	Downtown		
	Glacial		
	Lemongrass		
	Limestone		
	Macchiato		
	Merlot		
	Portico		
Rodeo Drive			
Sable			
Sandstone			
Stationery			
Vellum			

Style Name	Color Name	Maximum Width* inches (cm)	Maximum Height* inches (cm)
Glessner Sheen 3" (7.7 cm)	Bubbly	98 (249.0)	110 (279.4)
	Limousine		
	Soiree		
Glessner Woven 3" (7.7 cm)	Bamboo	96 (243.9)	110 (279.4)
	Champagne		
Marisco 2" (5.1 cm)	Bechamel	94 (238.8)	99 (251.5)
Marisco 2¼" (7.0 cm)	Stationery	94 (238.8)	98 (249.0)
	Bechamel		
San Simeon 3" (7.7 cm)	Stationery	96 (243.9)	65 (165.1)
	Adirondack		
	Everglades		
	Sandstone		
	Silver Mine		
Roslin	Stationery	94 (238.8)	75 (190.5)
	Vellum		
	Bechamel		
Winchester	Sandstone	97 (246.4)	87 (221.0)
	Stationery		
	Bechamel		
Winchester Sheen	Rodeo Drive	102 (259.1)	69 (175.3)
	Stationery		
	Limousine		
Winchester Woven	Soiree	97 (246.4)	87 (221.0)
	Sunset Strip		
	Champagne		
	Everglades	97 (246.4)	87 (221.0)
	Silver Mine		

Minimum width: motorized lift 16" (40.7 cm)

Minimum length: 12" (30.5 cm) all control types

\*If the height is shorter than the maximum, a slightly larger width may be available to order. Maximum width is 102" (259.1 cm).

## Size Considerations

### LightWeaves® Roller and Solar Shades Motorized Lift



Refer to individual base price list for specific option and size information for the product being ordered.

#### Features

- Allow for easy operation of hard-to-reach or large window coverings
- Efficiently manages energy (heat gain and loss)
- A safer alternative to accessible cords that are traditionally used to operate window coverings; ideal for homes with children and pets
- Low voltage motorization requires no costly electrical hard-wiring
- Powered with battery, solar power kit, plug-in transformer, or multi-motor power supply
- Line voltage has multiple wiring options and is ideal for large interior solar shades
- Hold down brackets not available
- Available with standard or reverse roll; cassette and fascia valance only available with standard roll
- Available with side channels with sealed hem bar only
- Motor located on the left or right side; standard on the right

#### Multiple Control Options Available

- Remote: convenient, portable control
- Wall switch: control shades when entering or exiting a room with the simple push of a button
- Timer: allows you to program operation at certain times of the day
  - Manage heat loss and gain automatically; a great way to reduce your energy bill in any season
  - Protect furniture from harmful UV rays
  - Improve security by making your home look occupied when you're away
- Automation interface: multiple interface options are available to allow your motorized shades to integrate with third party automation systems

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

Inside Mount Light Gap	
Control Type	Light Gap per Side inches (cm)
Motorized	$\frac{1}{2}$ (1.3) to $1\frac{1}{16}$ (2.7)
Motorized with Cassette	$\frac{1}{2}$ (1.3) to $1\frac{3}{16}$ (3.1)
Dual Motorized	$\frac{9}{16}$ (1.5) to $\frac{7}{8}$ (2.3)
Dual Motorized with Cassette	$\frac{9}{16}$ (1.5) to 1 (2.6)
Exterior Motorized	$1\frac{5}{16}$ (2.4) to $1\frac{3}{8}$ (3.1)

Size Considerations		
Motor Type	Minimum Width inches (cm)	Minimum Height inches (cm)
12 Volt	16 (40.7)	13 (33.1)
24 Volt	20 (50.8)	13 (33.1)
Interior 120 Volt Standard	23 (58.5)	13 (33.1)
Interior 120 Volt RTS	24.5 (62.3)	13 (33.1)
Exterior 120 Volt RTS	30.5 (77.5)	13 (33.1)

**NOTE:** See size charts on following pages.

# Size Considerations

Minimum Width: 16" (40.6 cm)  
Minimum Height: 13" (33.0 cm)

## 12 Volt Motor: Maximum Shade Size

Valance Type	Normal Fabric Orientation										Fabric Turned Width for Height (Railroaded)									
	Small Cassette		Medium Cassette		Large Cassette/ Valance/ No Cassette/ No Valance		3" (7.7 cm) Fascia		4" (10.2 cm) Fascia		Small Cassette		Medium Cassette		Large Cassette/ Valance/ No Cassette/ No Valance		3" (7.7 cm) Fascia		4" (10.2 cm) Fascia	
	Width inches (cm)	Height inches (cm)	Width inches (cm)	Height inches (cm)	Width inches (cm)	Height inches (cm)	Width inches (cm)	Height inches (cm)	Width inches (cm)	Height inches (cm)	Width inches (cm)	Height inches (cm)	Width inches (cm)	Height inches (cm)	Width inches (cm)	Height inches (cm)	Width inches (cm)	Height inches (cm)	Width inches (cm)	Height inches (cm)
Allure	91 (231.2)	131 (332.8)	91 (231.2)	131 (332.8)	91 (231.2)	131 (332.8)	91 (231.2)	131 (332.8)	91 (231.2)	131 (332.8)	95 (241.3)	98 (249.0)	95 (241.3)	98 (249.0)	95 (241.3)	98 (249.0)	95 (241.3)	98 (249.0)	95 (241.3)	98 (249.0)
Arboretum BO	87 (221.0)	97 (246.4)	82 (208.3)	131 (332.8)	82 (208.3)	131 (332.8)	82 (208.3)	131 (332.8)	82 (208.3)	131 (332.8)	75 (190.5)	84 (213.4)	75 (190.5)	84 (213.4)	75 (190.5)	84 (213.4)	75 (190.5)	84 (213.4)	75 (190.5)	84 (213.4)
Arboretum LF	90 (228.6)	136 (345.5)	90 (228.6)	136 (345.5)	90 (228.6)	136 (345.5)	90 (228.6)	136 (345.5)	90 (228.6)	136 (345.5)	82 (208.3)	84 (213.4)	82 (208.3)	84 (213.4)	82 (208.3)	84 (213.4)	82 (208.3)	84 (213.4)	82 (208.3)	84 (213.4)
Banquet	85 (215.9)	139 (353.1)	85 (215.9)	144 (365.8)	85 (215.9)	144 (365.8)	85 (215.9)	144 (365.8)	85 (215.9)	144 (365.8)	96 (243.9)	74 (188.0)	96 (243.9)	74 (188.0)	96 (243.9)	74 (188.0)	96 (243.9)	74 (188.0)	96 (243.9)	74 (188.0)
Broadcast	71 (180.4)	72 (182.9)	77 (195.6)	111 (282.0)	75 (190.5)	81 (205.8)	86 (218.5)	86 (218.5)	75 (190.5)	124 (315.0)	71 (180.4)	72 (182.9)	77 (195.6)	111 (282.0)	75 (190.5)	124 (315.0)	75 (190.5)	124 (315.0)	75 (190.5)	124 (315.0)
Cambridge LF 76" (193.1 cm) (Ivory)	77 (195.6)	144 (365.8)	77 (195.6)	144 (365.8)	77 (195.6)	144 (365.8)	77 (195.6)	144 (365.8)	77 (195.6)	144 (365.8)	86 (218.5)	68 (172.8)	86 (218.5)	68 (172.8)	86 (218.5)	68 (172.8)	86 (218.5)	68 (172.8)	86 (218.5)	68 (172.8)
Cambridge LF 92" (233.7 cm) (Clay, Cocoa Bean, Inkwell, Misty, Off White, White)																				
Cambridge RD 76" (193.1 cm) (Ivory)	77 (195.6)	112 (284.5)	77 (195.6)	144 (365.8)	77 (195.6)	144 (365.8)	77 (195.6)	144 (365.8)	77 (195.6)	144 (365.8)	84 (213.4)	84 (213.4)	84 (213.4)	84 (213.4)	84 (213.4)	84 (213.4)	84 (213.4)	84 (213.4)	84 (213.4)	84 (213.4)
Cambridge RD 92" (233.7 cm) (Clay, Cocoa Bean, Inkwell, Misty, Off White, White)																				
Capri	71 (180.4)	104 (264.2)	71 (180.4)	144 (365.8)	71 (180.4)	144 (365.8)	71 (180.4)	143 (363.3)	71 (180.4)	144 (365.8)	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available
Chronicles	85 (215.9)	93 (236.3)	80 (203.2)	125 (317.5)	80 (203.2)	125 (317.5)	80 (203.2)	125 (317.5)	80 (203.2)	125 (317.5)	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available
Complex	71 (180.4)	83 (210.9)	77 (195.6)	126 (320.1)	77 (195.6)	126 (320.1)	81 (205.8)	100 (254.0)	77 (195.6)	126 (320.1)	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available
Crossweave	72 (182.9)	118 (299.8)	72 (182.9)	144 (365.8)	72 (182.9)	144 (365.8)	72 (182.9)	144 (365.8)	72 (182.9)	144 (365.8)	99 (251.5)	62 (157.5)	99 (251.5)	62 (157.5)	99 (251.5)	62 (157.5)	99 (251.5)	62 (157.5)	99 (251.5)	62 (157.5)
Crystalline	77 (195.6)	144 (365.8)	77 (195.6)	144 (365.8)	77 (195.6)	144 (365.8)	77 (195.6)	144 (365.8)	77 (195.6)	144 (365.8)	85 (215.9)	68 (172.8)	85 (215.9)	68 (172.8)	85 (215.9)	68 (172.8)	85 (215.9)	68 (172.8)	85 (215.9)	68 (172.8)
Cumulus	73 (185.5)	84 (213.4)	80 (203.2)	122 (309.9)	80 (203.2)	122 (309.9)	83 (210.9)	100 (254.0)	80 (203.2)	122 (309.9)	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available
Elements	81 (205.8)	101 (256.6)	91 (231.2)	137 (348.0)	91 (231.2)	137 (348.0)	99 (236.3)	119 (302.3)	91 (231.2)	137 (348.0)	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available
Empire	92 (233.7)	139 (353.1)	92 (233.7)	144 (365.8)	92 (233.7)	144 (365.8)	92 (233.7)	144 (365.8)	92 (233.7)	144 (365.8)	84 (213.4)	84 (213.4)	84 (213.4)	84 (213.4)	84 (213.4)	84 (213.4)	84 (213.4)	84 (213.4)	84 (213.4)	84 (213.4)
Epitome	56 (142.3)	60 (152.4)	61 (155.0)	92 (233.7)	59 (149.9)	108 (274.4)	52 (132.1)	83 (210.9)	59 (149.9)	108 (274.4)	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available
Essential	70 (177.8)	144 (365.8)	70 (177.8)	144 (365.8)	70 (177.8)	144 (365.8)	70 (177.8)	144 (365.8)	70 (177.8)	144 (365.8)	80 (203.2)	124 (315.0)	80 (203.2)	124 (315.0)	80 (203.2)	124 (315.0)	80 (203.2)	124 (315.0)	80 (203.2)	124 (315.0)
Exposition	75 (190.5)	66 (167.7)	82 (208.3)	102 (259.1)	79 (200.7)	71 (180.4)	92 (233.7)	92 (233.7)	79 (200.7)	124 (315.0)	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available
Guildhall	68 (172.8)	97 (246.4)	77 (195.6)	123 (312.5)	77 (195.6)	123 (312.5)	78 (198.2)	115 (292.1)	77 (195.6)	123 (312.5)	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available
Harmony	92 (233.7)	124 (315.0)	91 (231.2)	133 (337.9)	91 (231.2)	133 (337.9)	91 (231.2)	133 (337.9)	91 (231.2)	133 (337.9)	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available

**NOTES:** Due to continuous manufacturing improvements, minimums and maximums are subject to change. Please call customer service for up to date size considerations.

See dual shade section for motorization information.



# Size Considerations

Minimum Width: 20" (50.8 cm) Minimum Height: 13" (33.0 cm)

## 24 Volt Motor: Maximum Shade Size

Valance Type	Normal Fabric Orientation												Fabric Turned Width for Height (Railroaded)																
	Small Cassette				Medium Cassette				Large Cassette/ Valance/ No Cassette/ No Valance				3" (7.7 cm) Fascia			4" (10.2 cm) Fascia			3" (7.7 cm) Fascia			4" (10.2 cm) Fascia							
	Width inches (cm)	Height inches (cm)	Width inches (cm)	Height inches (cm)	Width inches (cm)	Height inches (cm)	Width inches (cm)	Height inches (cm)	Width inches (cm)	Height inches (cm)	Width inches (cm)	Height inches (cm)	Width inches (cm)	Height inches (cm)	Width inches (cm)	Height inches (cm)	Width inches (cm)	Height inches (cm)	Width inches (cm)	Height inches (cm)	Width inches (cm)	Height inches (cm)	Width inches (cm)	Height inches (cm)	Width inches (cm)	Height inches (cm)			
Allure	91 (231.2)	131 (332.8)	108 (274.4)	144 (365.8)	108 (274.4)	144 (365.8)	108 (274.4)	144 (365.8)	108 (274.4)	144 (365.8)	108 (274.4)	144 (365.8)	108 (274.4)	144 (365.8)	95 (241.3)	127 (322.6)	95 (241.3)	127 (322.6)	95 (241.3)	127 (322.6)	95 (241.3)	127 (322.6)	95 (241.3)	127 (322.6)	95 (241.3)	127 (322.6)	95 (241.3)	127 (322.6)	
Arboretum BO	87 (221.0)	97 (246.4)	92 (233.7)	124 (315.0)	92 (233.7)	144 (365.8)	82 (208.3)	131 (332.8)	92 (233.7)	144 (365.8)	92 (233.7)	144 (365.8)	92 (233.7)	144 (365.8)	89 (226.1)	89 (226.1)	82 (208.3)	121 (307.4)	79 (200.7)	89 (226.1)	82 (208.3)	89 (226.1)	82 (208.3)	89 (226.1)	82 (208.3)	89 (226.1)	82 (208.3)	89 (226.1)	
Arboretum LF	90 (228.6)	136 (345.5)	92 (233.7)	144 (365.8)	92 (233.7)	144 (365.8)	92 (233.7)	124 (315.0)	92 (233.7)	144 (365.8)	92 (233.7)	144 (365.8)	92 (233.7)	144 (365.8)	96 (243.9)	96 (243.9)	82 (208.3)	129 (327.7)	79 (200.7)	96 (243.9)	82 (208.3)	96 (243.9)	82 (208.3)	96 (243.9)	82 (208.3)	96 (243.9)	82 (208.3)	96 (243.9)	
Banquet	85 (215.9)	139 (353.1)	85 (215.9)	144 (365.8)	85 (215.9)	144 (365.8)	85 (215.9)	144 (365.8)	85 (215.9)	144 (365.8)	85 (215.9)	144 (365.8)	85 (215.9)	144 (365.8)	74 (188.0)	74 (188.0)	74 (188.0)	129 (327.7)	71 (180.4)	96 (243.9)	74 (188.0)	96 (243.9)	74 (188.0)	96 (243.9)	74 (188.0)	96 (243.9)	74 (188.0)	96 (243.9)	
Broadcast	87 (221.0)	58 (147.4)	77 (195.6)	111 (282.0)	101 (256.6)	135 (342.9)	81 (205.8)	86 (218.5)	81 (205.8)	101 (256.6)	135 (342.9)	81 (205.8)	86 (218.5)	77 (195.6)	77 (195.6)	111 (282.0)	101 (256.6)	135 (342.9)	81 (205.8)	86 (218.5)	101 (256.6)	135 (342.9)	81 (205.8)	86 (218.5)	101 (256.6)	135 (342.9)	81 (205.8)	86 (218.5)	
76" (193.1 cm) (Ivory)	77 (195.6)	144 (365.8)	77 (195.6)	144 (365.8)	77 (195.6)	144 (365.8)	77 (195.6)	144 (365.8)	77 (195.6)	144 (365.8)	77 (195.6)	144 (365.8)	77 (195.6)	144 (365.8)	101 (256.6)	101 (256.6)	66 (167.7)	134 (340.4)	63 (160.1)	101 (256.6)	66 (167.7)	101 (256.6)	66 (167.7)	101 (256.6)	66 (167.7)	101 (256.6)	66 (167.7)	101 (256.6)	
Cambridge LF 92" (233.7 cm) (Clay, Cocoa Bean, Inkwell, Misty, Off White, White)	92 (233.7)	139 (353.1)	92 (233.7)	144 (365.8)	92 (233.7)	144 (365.8)	92 (233.7)	139 (353.1)	92 (233.7)	144 (365.8)	92 (233.7)	144 (365.8)	92 (233.7)	144 (365.8)	98 (249.0)	98 (249.0)	82 (208.3)	131 (332.8)	79 (200.7)	98 (249.0)	82 (208.3)	98 (249.0)	82 (208.3)	98 (249.0)	82 (208.3)	98 (249.0)	82 (208.3)	98 (249.0)	
Cambridge RD 76" (193.1 cm) (Ivory)	77 (195.6)	112 (284.5)	77 (195.6)	144 (365.8)	77 (195.6)	144 (365.8)	77 (195.6)	144 (365.8)	77 (195.6)	144 (365.8)	77 (195.6)	144 (365.8)	77 (195.6)	144 (365.8)	93 (236.3)	93 (236.3)	66 (167.7)	125 (317.5)	63 (160.1)	93 (236.3)	66 (167.7)	93 (236.3)	66 (167.7)	93 (236.3)	66 (167.7)	93 (236.3)	66 (167.7)	93 (236.3)	
Cambridge RD 92" (233.7 cm) (Clay, Cocoa Bean, Inkwell, Misty, Off White, White)	85 (215.9)	112 (284.5)	92 (233.7)	143 (363.3)	92 (233.7)	144 (365.8)	82 (208.3)	138 (350.6)	92 (233.7)	144 (365.8)	92 (233.7)	144 (365.8)	92 (233.7)	144 (365.8)	90 (228.6)	90 (228.6)	82 (208.3)	122 (309.9)	79 (200.7)	90 (228.6)	82 (208.3)	90 (228.6)	82 (208.3)	90 (228.6)	82 (208.3)	90 (228.6)	82 (208.3)	90 (228.6)	
Capri	71 (180.4)	85 (215.9)	71 (180.4)	144 (365.8)	71 (180.4)	144 (365.8)	71 (180.4)	124 (315.0)	71 (180.4)	144 (365.8)	71 (180.4)	144 (365.8)	71 (180.4)	144 (365.8)	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available
Chronicles	85 (215.9)	93 (236.3)	97 (246.4)	119 (302.3)	97 (246.4)	144 (365.8)	80 (203.2)	125 (317.5)	97 (246.4)	144 (365.8)	97 (246.4)	144 (365.8)	97 (246.4)	144 (365.8)	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available
Complex	87 (221.0)	68 (172.8)	77 (195.6)	126 (320.1)	97 (246.4)	144 (365.8)	81 (205.8)	100 (254.0)	97 (246.4)	144 (365.8)	97 (246.4)	144 (365.8)	97 (246.4)	144 (365.8)	99 (251.5)	99 (251.5)	62 (157.5)	132 (335.3)	59 (149.9)	99 (251.5)	62 (157.5)	99 (251.5)	62 (157.5)	99 (251.5)	62 (157.5)	99 (251.5)	62 (157.5)	99 (251.5)	
Crossweave	72 (182.9)	97 (246.4)	72 (182.9)	144 (365.8)	72 (182.9)	144 (365.8)	72 (182.9)	140 (355.6)	72 (182.9)	144 (365.8)	72 (182.9)	144 (365.8)	72 (182.9)	144 (365.8)	99 (251.5)	99 (251.5)	62 (157.5)	132 (335.3)	63 (160.1)	99 (251.5)	62 (157.5)	99 (251.5)	62 (157.5)	99 (251.5)	62 (157.5)	99 (251.5)	62 (157.5)	99 (251.5)	
Crystalline	77 (195.6)	144 (365.8)	77 (195.6)	144 (365.8)	77 (195.6)	144 (365.8)	77 (195.6)	144 (365.8)	77 (195.6)	144 (365.8)	77 (195.6)	144 (365.8)	77 (195.6)	144 (365.8)	99 (251.5)	99 (251.5)	66 (167.7)	132 (335.3)	63 (160.1)	99 (251.5)	66 (167.7)	99 (251.5)	66 (167.7)	99 (251.5)	66 (167.7)	99 (251.5)	66 (167.7)	99 (251.5)	
Cumulus	89 (226.1)	68 (172.8)	80 (203.2)	122 (309.9)	97 (246.4)	144 (365.8)	83 (210.9)	100 (254.0)	97 (246.4)	144 (365.8)	97 (246.4)	144 (365.8)	97 (246.4)	144 (365.8)	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available
Elements	97 (246.4)	82 (208.3)	108 (274.4)	105 (266.7)	108 (274.4)	144 (365.8)	93 (236.3)	119 (302.3)	108 (274.4)	144 (365.8)	108 (274.4)	144 (365.8)	108 (274.4)	144 (365.8)	99 (251.5)	99 (251.5)	82 (208.3)	132 (335.3)	79 (200.7)	99 (251.5)	82 (208.3)	99 (251.5)	82 (208.3)	99 (251.5)	82 (208.3)	99 (251.5)	82 (208.3)	99 (251.5)	
Empire	92 (233.7)	139 (353.1)	92 (233.7)	144 (365.8)	92 (233.7)	144 (365.8)	92 (233.7)	144 (365.8)	92 (233.7)	144 (365.8)	92 (233.7)	144 (365.8)	92 (233.7)	144 (365.8)	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available
Epitome	69 (175.3)	47 (119.4)	61 (155.0)	92 (233.7)	70 (177.8)	144 (365.8)	64 (162.6)	71 (180.4)	70 (177.8)	144 (365.8)	70 (177.8)	144 (365.8)	70 (177.8)	144 (365.8)	80 (203.2)	80 (203.2)	124 (315.0)	107 (271.8)	137 (348.0)	107 (271.8)	137 (348.0)	107 (271.8)	137 (348.0)	107 (271.8)	137 (348.0)	107 (271.8)	137 (348.0)	107 (271.8)	
Essential	70 (177.8)	144 (365.8)	70 (177.8)	144 (365.8)	70 (177.8)	144 (365.8)	70 (177.8)	144 (365.8)	70 (177.8)	144 (365.8)	70 (177.8)	144 (365.8)	70 (177.8)	144 (365.8)	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available
Exposition	92 (233.7)	53 (134.7)	82 (208.3)	102 (259.1)	97 (246.4)	144 (365.8)	86 (218.5)	79 (200.7)	97 (246.4)	144 (365.8)	97 (246.4)	144 (365.8)	97 (246.4)	144 (365.8)	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available
Guildhall	84 (213.4)	79 (200.7)	97 (246.4)	101 (256.6)	97 (246.4)	144 (365.8)	78 (198.2)	115 (292.1)	97 (246.4)	144 (365.8)	97 (246.4)	144 (365.8)	97 (246.4)	144 (365.8)	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available
Harmony	92 (233.7)	124 (315.0)	92 (233.7)	144 (365.8)	92 (233.7)	144 (365.8)	91 (231.2)	133 (337.9)	92 (233.7)	144 (365.8)	92 (233.7)	144 (365.8)	92 (233.7)	144 (365.8)	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available

**NOTES:** Due to continuous manufacturing improvements, minimums and maximums are subject to change. Please call customer service for up to date size considerations.  
See dual shade section for motorization information.





# Size Considerations

## 120 Volt RTS

Minimum Width: 24.5" (62.3 cm)

Minimum Height: 13" (33.0 cm)

## 120 Volt Standard

Minimum Width: 23" (58.5 cm)

Minimum Height: 13" (33.0 cm)

## 120 Volt Motor: Maximum Shade Size

Valance Type		Normal Fabric Orientation								Fabric Turned Width for Height (Railroaded)													
		Medium Cassette				3" (7.7 cm) Fascia				4" (10.2 cm) Fascia				Large Cassette/ Contour Valance/ No Cassette/ No Valance				Large Cassette/ Contour Valance/ No Cassette/ No Valance at Max Width					
		Width inches (cm)	Height inches (cm)	Width inches (cm)	Height inches (cm)	Width inches (cm)	Height inches (cm)	Width inches (cm)	Height inches (cm)	Width inches (cm)	Height inches (cm)	Width inches (cm)	Height inches (cm)	Width inches (cm)	Height inches (cm)	Width inches (cm)	Height inches (cm)	Width inches (cm)	Height inches (cm)	Width inches (cm)	Height inches (cm)	Width inches (cm)	Height inches (cm)
Fabric		108 (274.4)	144 (365.8)	108 (274.4)	144 (365.8)	108 (274.4)	144 (365.8)	108 (274.4)	144 (365.8)	144 (365.8)	144 (365.8)	127 (322.6)	95 (241.3)	127 (322.6)	95 (241.3)	127 (322.6)	95 (241.3)	127 (322.6)	95 (241.3)	127 (322.6)	95 (241.3)	127 (322.6)	95 (241.3)
Allure		92 (233.7)	124 (315.0)	92 (233.7)	144 (365.8)	92 (233.7)	85 (215.9)	92 (233.7)	144 (365.8)	92 (233.7)	144 (365.8)	121 (307.4)	79 (200.7)	121 (307.4)	79 (200.7)	121 (307.4)	79 (200.7)	121 (307.4)	79 (200.7)	121 (307.4)	79 (200.7)	121 (307.4)	79 (200.7)
Arboretum BO		92 (233.7)	144 (365.8)	92 (233.7)	144 (365.8)	92 (233.7)	144 (365.8)	92 (233.7)	144 (365.8)	92 (233.7)	144 (365.8)	129 (327.7)	79 (200.7)	129 (327.7)	79 (200.7)	129 (327.7)	79 (200.7)	129 (327.7)	79 (200.7)	129 (327.7)	79 (200.7)	129 (327.7)	79 (200.7)
Arboretum LF		85 (215.9)	144 (365.8)	85 (215.9)	144 (365.8)	85 (215.9)	124 (315.0)	85 (215.9)	144 (365.8)	85 (215.9)	144 (365.8)	129 (327.7)	71 (180.4)	129 (327.7)	71 (180.4)	129 (327.7)	71 (180.4)	129 (327.7)	71 (180.4)	129 (327.7)	71 (180.4)	129 (327.7)	71 (180.4)
Banquet		114 (289.6)	74 (188.0)	117 (297.2)	144 (365.8)	117 (297.2)	49 (124.5)	117 (297.2)	144 (365.8)	114 (289.6)	135 (342.9)	135 (342.9)	74 (188.0)	144 (365.8)	135 (342.9)	144 (365.8)	49 (124.5)	144 (365.8)	135 (342.9)	144 (365.8)	101 (256.6)	135 (342.9)	135 (342.9)
Broadcast		77 (195.6)	144 (365.8)	77 (195.6)	144 (365.8)	77 (195.6)	132 (335.3)	77 (195.6)	144 (365.8)	77 (195.6)	144 (365.8)	134 (340.4)	63 (160.1)	134 (340.4)	63 (160.1)	134 (340.4)	63 (160.1)	134 (340.4)	63 (160.1)	134 (340.4)	63 (160.1)	134 (340.4)	63 (160.1)
Cambridge LF 76" (193.1 cm)	(Ivory)																						
Cambridge LF 92" (233.7 cm)	(Clay, Cocoa Bean, Inkwell, Misty, Off White, White)																						
Cambridge RD 76" (193.1 cm)	(Ivory)	77 (195.6)	143 (363.3)	77 (195.6)	144 (365.8)	77 (195.6)	98 (249.0)	77 (195.6)	144 (365.8)	77 (195.6)	144 (365.8)	131 (332.8)	79 (200.7)	131 (332.8)	79 (200.7)	131 (332.8)	79 (200.7)	131 (332.8)	79 (200.7)	131 (332.8)	79 (200.7)	131 (332.8)	79 (200.7)
Cambridge RD 92" (233.7 cm)	(Clay, Cocoa Bean, Inkwell, Misty, Off White, White)	92 (233.7)	143 (363.3)	92 (233.7)	144 (365.8)	92 (233.7)	98 (249.0)	92 (233.7)	144 (365.8)	92 (233.7)	144 (365.8)	125 (317.5)	63 (160.1)	125 (317.5)	63 (160.1)	125 (317.5)	63 (160.1)	125 (317.5)	63 (160.1)	125 (317.5)	63 (160.1)	125 (317.5)	63 (160.1)
Capri		71 (180.4)	109 (276.9)	71 (180.4)	144 (365.8)	71 (180.4)	74 (188.0)	71 (180.4)	144 (365.8)	71 (180.4)	144 (365.8)	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available
Chronicles		97 (246.4)	119 (302.3)	97 (246.4)	144 (365.8)	97 (246.4)	81 (205.8)	97 (246.4)	144 (365.8)	97 (246.4)	144 (365.8)	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available
Complex		97 (246.4)	87 (221.0)	97 (246.4)	144 (365.8)	97 (246.4)	59 (149.9)	97 (246.4)	144 (365.8)	97 (246.4)	144 (365.8)	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available
Crossweave		72 (182.9)	124 (315.0)	72 (182.9)	144 (365.8)	72 (182.9)	85 (215.9)	72 (182.9)	144 (365.8)	72 (182.9)	144 (365.8)	132 (335.3)	59 (149.9)	132 (335.3)	59 (149.9)	132 (335.3)	59 (149.9)	132 (335.3)	59 (149.9)	132 (335.3)	59 (149.9)	132 (335.3)	59 (149.9)
Crystalline		77 (195.6)	144 (365.8)	77 (195.6)	144 (365.8)	77 (195.6)	132 (335.3)	77 (195.6)	144 (365.8)	77 (195.6)	144 (365.8)	132 (335.3)	63 (160.1)	132 (335.3)	63 (160.1)	132 (335.3)	63 (160.1)	132 (335.3)	63 (160.1)	132 (335.3)	63 (160.1)	132 (335.3)	63 (160.1)
Cumulus		97 (246.4)	87 (221.0)	97 (246.4)	144 (365.8)	97 (246.4)	59 (149.9)	97 (246.4)	144 (365.8)	97 (246.4)	144 (365.8)	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available
Elements		108 (274.4)	105 (266.7)	108 (274.4)	144 (365.8)	108 (274.4)	71 (180.4)	108 (274.4)	144 (365.8)	108 (274.4)	144 (365.8)	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available
Empire		92 (233.7)	144 (365.8)	92 (233.7)	144 (365.8)	92 (233.7)	124 (315.0)	92 (233.7)	144 (365.8)	92 (233.7)	144 (365.8)	132 (335.3)	79 (200.7)	132 (335.3)	79 (200.7)	132 (335.3)	79 (200.7)	132 (335.3)	79 (200.7)	132 (335.3)	79 (200.7)	132 (335.3)	79 (200.7)
Epitome		70 (177.8)	61 (155.0)	70 (177.8)	144 (365.8)	70 (177.8)	40 (101.6)	70 (177.8)	144 (365.8)	70 (177.8)	136 (345.5)	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available
Essential		70 (177.8)	144 (365.8)	70 (177.8)	144 (365.8)	70 (177.8)	144 (365.8)	70 (177.8)	144 (365.8)	70 (177.8)	144 (365.8)	142 (360.7)	144 (365.8)	142 (360.7)	144 (365.8)	142 (360.7)	137 (348.0)	142 (360.7)	144 (365.8)	142 (360.7)	137 (348.0)	142 (360.7)	144 (365.8)
Exposition		97 (246.4)	68 (172.8)	97 (246.4)	144 (365.8)	97 (246.4)	45 (114.3)	97 (246.4)	144 (365.8)	97 (246.4)	144 (365.8)	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available
Guildhall		97 (246.4)	101 (256.6)	97 (246.4)	144 (365.8)	97 (246.4)	68 (172.8)	97 (246.4)	144 (365.8)	97 (246.4)	144 (365.8)	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available
Harmony		92 (233.7)	144 (365.8)	92 (233.7)	144 (365.8)	92 (233.7)	116 (294.7)	92 (233.7)	144 (365.8)	92 (233.7)	144 (365.8)	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available

NOTES: Due to continuous manufacturing improvements, minimums and maximums are subject to change. Please call customer service for up to date size considerations.

# Size Considerations

## 120 Volt RTS

Minimum Width: 24.5" (62.3 cm)  
Minimum Height: 13" (33.0 cm)

## 120 Volt Standard

Minimum Width: 23" (58.5 cm)  
Minimum Height: 13" (33.0 cm)

## 120 Volt Motor: Maximum Shade Size

Valance Type	Normal Fabric Orientation						Fabric Turned Width for Height (Railroaded)											
	Medium Cassette		Large Cassette/ Contour Valance/ No Cassette/ No Valance		3" (7.7 cm) Fascia		4" (10.2 cm) Fascia		Medium Cassette		Large Cassette/ Contour Valance/ No Cassette/ No Valance		Large Cassette/ Contour Valance/ No Cassette/ No Valance at Max Width		3" (7.7 cm) Fascia		4" (10.2 cm) Fascia	
Fabric	Width inches (cm)	Height inches (cm)	Width inches (cm)	Height inches (cm)	Width inches (cm)	Height inches (cm)	Width inches (cm)	Height inches (cm)	Width inches (cm)	Height inches (cm)	Width inches (cm)	Height inches (cm)	Width inches (cm)	Height inches (cm)	Width inches (cm)	Height inches (cm)	Width inches (cm)	Height inches (cm)
Herald	92 (233.7)	144 (365.8)	92 (233.7)	144 (365.8)	92 (233.7)	124 (315.0)	92 (233.7)	144 (365.8)	132 (335.3)	79 (200.7)	132 (335.3)	79 (200.7)	144 (365.8)	76 (193.1)	132 (335.3)	79 (200.7)	132 (335.3)	79 (200.7)
Kismet	97 (246.4)	87 (221.0)	97 (246.4)	144 (365.8)	97 (246.4)	59 (149.9)	97 (246.4)	144 (365.8)	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available
Merit	97 (246.4)	119 (302.3)	97 (246.4)	144 (365.8)	97 (246.4)	81 (205.8)	97 (246.4)	144 (365.8)	134 (340.4)	63 (160.1)	134 (340.4)	63 (160.1)	144 (365.8)	60 (152.4)	134 (340.4)	63 (160.1)	134 (340.4)	63 (160.1)
Monaco	77 (195.6)	144 (365.8)	77 (195.6)	144 (365.8)	77 (195.6)	144 (365.8)	77 (195.6)	144 (365.8)	114 (289.6)	72 (182.9)	111 (282.0)	83 (210.9)	144 (365.8)	80 (203.2)	122 (309.9)	48 (122.0)	111 (282.0)	83 (210.9)
Monticello	97 (246.4)	72 (182.9)	97 (246.4)	144 (365.8)	97 (246.4)	48 (122.0)	97 (246.4)	144 (365.8)	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available
Opulent	96 (243.9)	144 (365.8)	96 (243.9)	144 (365.8)	96 (243.9)	144 (365.8)	96 (243.9)	144 (365.8)	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available
Palisades	116 (294.7)	124 (315.0)	116 (294.7)	144 (365.8)	116 (294.7)	85 (215.9)	116 (294.7)	144 (365.8)	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available
Paradigm	97 (246.4)	82 (208.3)	97 (246.4)	144 (365.8)	97 (246.4)	55 (139.7)	97 (246.4)	144 (365.8)	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available
Plexus 1%	110 (279.4)	74 (188.0)	117 (297.2)	144 (365.8)	117 (297.2)	49 (124.5)	97 (246.4)	134 (340.4)	110 (279.4)	74 (188.0)	130 (330.2)	144 (365.8)	130 (330.2)	144 (365.8)	118 (299.8)	49 (124.5)	97 (246.4)	134 (340.4)
Plexus 3%	110 (279.4)	79 (200.7)	117 (297.2)	144 (365.8)	117 (297.2)	53 (134.7)	117 (297.2)	114 (289.6)	110 (279.4)	79 (200.7)	132 (335.3)	144 (365.8)	132 (335.3)	144 (365.8)	118 (299.8)	53 (134.7)	138 (350.6)	114 (289.6)
Plexus 5%	110 (279.4)	87 (221.0)	117 (297.2)	144 (365.8)	117 (297.2)	59 (149.9)	117 (297.2)	126 (320.1)	110 (279.4)	87 (221.0)	134 (340.4)	144 (365.8)	134 (340.4)	144 (365.8)	118 (299.8)	59 (149.9)	138 (350.6)	126 (320.1)
Prairie	108 (274.4)	144 (365.8)	108 (274.4)	144 (365.8)	108 (274.4)	110 (279.4)	108 (274.4)	144 (365.8)	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available
Prodigy	90 (228.6)	74 (188.0)	96 (243.9)	144 (365.8)	95 (241.3)	49 (124.5)	96 (243.9)	108 (274.4)	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available
Reaction	97 (246.4)	119 (302.3)	97 (246.4)	144 (365.8)	97 (246.4)	81 (205.8)	97 (246.4)	144 (365.8)	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available
Resolve	97 (246.4)	105 (266.7)	97 (246.4)	144 (365.8)	97 (246.4)	71 (180.4)	97 (246.4)	144 (365.8)	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available
Riverbend	72 (182.9)	82 (208.3)	72 (182.9)	144 (365.8)	72 (182.9)	55 (139.7)	72 (182.9)	144 (365.8)	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available
Ruijin	72 (182.9)	32 (81.3)	72 (182.9)	101 (256.6)	72 (182.9)	19 (48.3)	72 (182.9)	77 (195.6)	132 (335.3)	59 (149.9)	132 (335.3)	59 (149.9)	144 (365.8)	55 (139.7)	132 (335.3)	59 (149.9)	132 (335.3)	59 (149.9)
Sedona	72 (182.9)	114 (289.6)	72 (182.9)	144 (365.8)	72 (182.9)	78 (198.2)	72 (182.9)	144 (365.8)	132 (335.3)	59 (149.9)	132 (335.3)	59 (149.9)	144 (365.8)	55 (139.7)	132 (335.3)	59 (149.9)	132 (335.3)	59 (149.9)
Sheffield	108 (274.4)	124 (315.0)	108 (274.4)	144 (365.8)	108 (274.4)	85 (215.9)	108 (274.4)	144 (365.8)	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available
Standard Weave 1%	107 (271.8)	114 (289.6)	117 (297.2)	144 (365.8)	115 (292.1)	78 (198.2)	117 (297.2)	144 (365.8)	107 (271.8)	114 (289.6)	138 (350.6)	144 (365.8)	138 (350.6)	144 (365.8)	115 (292.1)	78 (198.2)	138 (350.6)	144 (365.8)
Standard Weave 3%	108 (274.4)	124 (315.0)	117 (297.2)	144 (365.8)	115 (292.1)	78 (198.2)	117 (297.2)	144 (365.8)	108 (274.4)	114 (289.6)	139 (353.1)	144 (365.8)	139 (353.1)	144 (365.8)	116 (294.7)	78 (198.2)	139 (353.1)	144 (365.8)
Standard Weave 5%	108 (274.4)	124 (315.0)	117 (297.2)	144 (365.8)	115 (292.1)	85 (215.9)	117 (297.2)	144 (365.8)	108 (274.4)	124 (315.0)	140 (355.6)	144 (365.8)	140 (355.6)	144 (365.8)	115 (292.1)	85 (215.9)	140 (355.6)	144 (365.8)
Standard Weave 10%	108 (274.4)	130 (330.2)	117 (297.2)	144 (365.8)	116 (294.7)	89 (226.1)	117 (297.2)	144 (365.8)	108 (274.4)	130 (330.2)	142 (360.7)	144 (365.8)	142 (360.7)	144 (365.8)	116 (294.7)	89 (226.1)	142 (360.7)	144 (365.8)
Suburban II	72 (182.9)	144 (365.8)	72 (182.9)	144 (365.8)	72 (182.9)	132 (335.3)	72 (182.9)	144 (365.8)	133 (337.9)	59 (149.9)	133 (337.9)	59 (149.9)	144 (365.8)	55 (139.7)	133 (337.9)	59 (149.9)	133 (337.9)	59 (149.9)
Vanguard 1%	107 (271.8)	114 (289.6)	117 (297.2)	144 (365.8)	115 (292.1)	78 (198.2)	117 (297.2)	144 (365.8)	107 (271.8)	114 (289.6)	138 (350.6)	144 (365.8)	138 (350.6)	144 (365.8)	115 (292.1)	78 (198.2)	138 (350.6)	144 (365.8)
Vanguard 3%	108 (274.4)	114 (289.6)	117 (297.2)	144 (365.8)	116 (294.7)	78 (198.2)	117 (297.2)	144 (365.8)	108 (274.4)	114 (289.6)	139 (353.1)	144 (365.8)	139 (353.1)	144 (365.8)	116 (294.7)	78 (198.2)	139 (353.1)	144 (365.8)
Vanguard 5%	108 (274.4)	124 (315.0)	117 (297.2)	144 (365.8)	115 (292.1)	85 (215.9)	117 (297.2)	144 (365.8)	108 (274.4)	124 (315.0)	140 (355.6)	144 (365.8)	140 (355.6)	144 (365.8)	115 (292.1)	85 (215.9)	140 (355.6)	144 (365.8)
Venture	97 (246.4)	94 (238.8)	97 (246.4)	144 (365.8)	97 (246.4)	63 (160.1)	97 (246.4)	135 (342.9)	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available
Whitcomb	108 (274.4)	144 (365.8)	108 (274.4)	144 (365.8)	108 (274.4)	104 (264.2)	108 (274.4)	144 (365.8)	123 (312.5)	79 (200.7)	123 (312.5)	79 (200.7)	144 (365.8)	76 (193.1)	123 (312.5)	79 (200.7)	123 (312.5)	79 (200.7)
Whitehall	92 (233.7)	136 (345.5)	92 (233.7)	144 (365.8)	92 (233.7)	94 (238.8)	92 (233.7)	144 (365.8)	123 (312.5)	79 (200.7)	123 (312.5)	79 (200.7)	144 (365.8)	76 (193.1)	123 (312.5)	79 (200.7)	123 (312.5)	79 (200.7)

**NOTES:** Due to continuous manufacturing improvements, minimums and maximums are subject to change. Please call customer service for up to date size considerations.

## Size Considerations

This table provides the maximum shade size available by fabric, control type, and valance style. Only the large cassette valance is available for the dual shade. Fabric turned width for height (railroaded) may curl along it's edge. This is not a defect in the product. Small and medium cassette valances are not available.

### Dual Shades: Maximum Shade Size

Valance Type	Normal Fabric Orientation												Fabric Turned Width for Height (Railroaded)											
	12 Volt Motor No Cassette/ No Valance		12 Volt Motor Large Cassette		24 Volt Motor No Cassette/ No Valance		24 Volt Motor Large Cassette		12 Volt Motor No Cassette/ No Valance at Max Width		12 Volt Motor Large Cassette at Max Length		12 Volt Motor No Cassette/ No Valance		12 Volt Motor Large Cassette at Max Width		24 Volt Motor No Cassette/ No Valance		24 Volt Motor Large Cassette					
	Width inches (cm)	Height inches (cm)	Width inches (cm)	Height inches (cm)	Width inches (cm)	Height inches (cm)	Width inches (cm)	Height inches (cm)	Width inches (cm)	Height inches (cm)	Width inches (cm)	Height inches (cm)	Width inches (cm)	Height inches (cm)	Width inches (cm)	Height inches (cm)	Width inches (cm)	Height inches (cm)	Width inches (cm)	Height inches (cm)				
Allure	91 (231.2)	131 (332.8)	91 (231.2)	131 (332.8)	91 (231.2)	131 (332.8)	91 (231.2)	131 (332.8)	95 (241.3)	98 (249.0)	95 (241.3)	98 (249.0)	95 (241.3)	98 (249.0)	95 (241.3)	98 (249.0)	95 (241.3)	98 (249.0)	95 (241.3)	98 (249.0)				
Arboretum BO	72 (182.9)	108 (274.4)	73 (185.5)	101 (256.6)	87 (221.0)	93 (236.3)	89 (226.1)	82 (208.3)	89 (226.1)	82 (208.3)	75 (190.5)	84 (213.4)	89 (226.1)	82 (208.3)	89 (226.1)	82 (208.3)	89 (226.1)	82 (208.3)	89 (226.1)	82 (208.3)				
Arboretum LF	91 (231.2)	127 (322.6)	92 (233.7)	119 (302.3)	91 (231.2)	127 (322.6)	92 (233.7)	119 (302.3)	96 (243.9)	82 (208.3)	82 (208.3)	84 (213.4)	96 (243.9)	82 (208.3)	96 (243.9)	82 (208.3)	96 (243.9)	82 (208.3)	96 (243.9)	82 (208.3)				
Banquet	85 (215.9)	134 (340.4)	85 (215.9)	119 (302.3)	85 (215.9)	134 (340.4)	85 (215.9)	119 (302.3)	96 (243.9)	74 (188.0)	96 (243.9)	74 (188.0)	96 (243.9)	74 (188.0)	96 (243.9)	74 (188.0)	96 (243.9)	74 (188.0)	96 (243.9)	74 (188.0)				
Broadcast	71 (180.4)	70 (177.8)	73 (185.5)	63 (160.1)	88 (223.6)	56 (142.3)	90 (228.6)	49 (124.5)	88 (223.6)	56 (142.3)	73 (185.5)	63 (160.1)	90 (228.6)	49 (124.5)	88 (223.6)	56 (142.3)	90 (228.6)	49 (124.5)	88 (223.6)	56 (142.3)				
Cambridge LF 76" (193.1 cm)	77 (195.6)	144 (365.8)	77 (195.6)	144 (365.8)	77 (195.6)	142 (360.7)	77 (195.6)	126 (320.1)	101 (256.6)	66 (167.7)	86 (218.5)	68 (172.8)	101 (256.6)	66 (167.7)	101 (256.6)	66 (167.7)	101 (256.6)	66 (167.7)	101 (256.6)	66 (167.7)				
Cambridge LF (Ivory)																								
Cambridge LF 92" (233.7 cm)																								
Cambridge LF (Clay, Cocoa Bean, Inkwell, Misty, Off White, White)	92 (233.7)	139 (353.1)	92 (233.7)	126 (320.1)	92 (233.7)	139 (353.1)	92 (233.7)	126 (320.1)	98 (249.0)	82 (208.3)	84 (213.4)	98 (249.0)	82 (208.3)	98 (249.0)	82 (208.3)	98 (249.0)	82 (208.3)	98 (249.0)	82 (208.3)	98 (249.0)				
Cambridge RD 76" (193.1 cm)	77 (195.6)	107 (271.8)	72 (182.9)	114 (289.6)	77 (195.6)	107 (271.8)	77 (195.6)	114 (289.6)	79 (200.7)	68 (172.8)	79 (200.7)	68 (172.8)	93 (236.3)	66 (167.7)	93 (236.3)	66 (167.7)	93 (236.3)	66 (167.7)	93 (236.3)	66 (167.7)				
Cambridge RD (Ivory)																								
Cambridge RD 92" (233.7 cm)																								
Cambridge RD (Clay, Cocoa Bean, Inkwell, Misty, Off White, White)	86 (218.5)	107 (271.8)	72 (182.9)	114 (289.6)	86 (218.5)	107 (271.8)	86 (218.5)	126 (320.1)	76 (193.1)	84 (213.4)	76 (193.1)	84 (213.4)	90 (228.6)	82 (208.3)	90 (228.6)	82 (208.3)	90 (228.6)	82 (208.3)	90 (228.6)	82 (208.3)				
Capri	71 (180.4)	101 (256.6)	71 (180.4)	91 (231.2)	71 (180.4)	82 (208.3)	71 (180.4)	72 (182.9)	71 (180.4)	72 (182.9)	71 (180.4)	72 (182.9)	71 (180.4)	72 (182.9)	71 (180.4)	72 (182.9)	71 (180.4)	72 (182.9)	71 (180.4)	72 (182.9)				
Chronicles	85 (215.9)	89 (226.1)	71 (180.4)	98 (249.0)	85 (215.9)	89 (226.1)	87 (221.0)	79 (200.7)	87 (221.0)	79 (200.7)	87 (221.0)	79 (200.7)	87 (221.0)	79 (200.7)	87 (221.0)	79 (200.7)	87 (221.0)	79 (200.7)	87 (221.0)	79 (200.7)				
Complex	71 (180.4)	82 (208.3)	72 (182.9)	74 (188.0)	87 (221.0)	66 (167.7)	89 (226.1)	58 (147.4)	89 (226.1)	58 (147.4)	89 (226.1)	58 (147.4)	89 (226.1)	58 (147.4)	89 (226.1)	58 (147.4)	89 (226.1)	58 (147.4)	89 (226.1)	58 (147.4)				
Crossweave	72 (182.9)	115 (292.1)	72 (182.9)	104 (264.2)	72 (182.9)	93 (236.3)	72 (182.9)	82 (208.3)	99 (251.5)	62 (157.5)	99 (251.5)	62 (157.5)	99 (251.5)	62 (157.5)	99 (251.5)	62 (157.5)	99 (251.5)	62 (157.5)	99 (251.5)	62 (157.5)				
Crystalline	77 (195.6)	142 (360.7)	77 (195.6)	135 (342.9)	77 (195.6)	142 (360.7)	77 (195.6)	126 (320.1)	85 (215.9)	66 (167.7)	85 (215.9)	68 (172.8)	99 (251.5)	66 (167.7)	99 (251.5)	66 (167.7)	99 (251.5)	66 (167.7)	99 (251.5)	66 (167.7)				
Cumulus	73 (185.5)	82 (208.3)	74 (188.0)	74 (188.0)	90 (228.6)	66 (167.7)	91 (231.2)	58 (147.4)	91 (231.2)	58 (147.4)	91 (231.2)	58 (147.4)	91 (231.2)	58 (147.4)	91 (231.2)	58 (147.4)	91 (231.2)	58 (147.4)	91 (231.2)	58 (147.4)				
Elements	81 (205.8)	97 (246.4)	82 (208.3)	88 (223.6)	98 (249.0)	79 (200.7)	99 (251.5)	69 (175.3)	99 (251.5)	69 (175.3)	99 (251.5)	69 (175.3)	99 (251.5)	69 (175.3)	99 (251.5)	69 (175.3)	99 (251.5)	69 (175.3)	99 (251.5)	69 (175.3)				
Empire	92 (233.7)	134 (340.4)	92 (233.7)	119 (302.3)	92 (233.7)	134 (340.4)	92 (233.7)	119 (302.3)	84 (213.4)	84 (213.4)	84 (213.4)	84 (213.4)	99 (251.5)	82 (208.3)	99 (251.5)	82 (208.3)	99 (251.5)	82 (208.3)	99 (251.5)	82 (208.3)				
Epitome	56 (142.3)	58 (147.4)	58 (147.4)	52 (132.1)	70 (177.8)	45 (114.3)	70 (177.8)	40 (101.6)	70 (177.8)	40 (101.6)	70 (177.8)	40 (101.6)	70 (177.8)	40 (101.6)	70 (177.8)	40 (101.6)	70 (177.8)	40 (101.6)	70 (177.8)	40 (101.6)				
Essential	70 (177.8)	144 (365.8)	70 (177.8)	144 (365.8)	70 (177.8)	144 (365.8)	70 (177.8)	144 (365.8)	80 (203.2)	124 (315.0)	80 (203.2)	124 (315.0)	80 (203.2)	124 (315.0)	80 (203.2)	124 (315.0)	80 (203.2)	124 (315.0)	80 (203.2)	124 (315.0)				
Exposition	76 (193.1)	64 (162.6)	77 (195.6)	58 (147.4)	93 (236.3)	51 (129.6)	95 (241.3)	44 (111.8)	95 (241.3)	44 (111.8)	95 (241.3)	44 (111.8)	95 (241.3)	44 (111.8)	95 (241.3)	44 (111.8)	95 (241.3)	44 (111.8)	95 (241.3)	44 (111.8)				
Guildhall	70 (177.8)	87 (221.0)	70 (177.8)	85 (215.9)	85 (215.9)	76 (193.1)	87 (221.0)	67 (170.2)	87 (221.0)	67 (170.2)	87 (221.0)	67 (170.2)	87 (221.0)	67 (170.2)	87 (221.0)	67 (170.2)	87 (221.0)	67 (170.2)	87 (221.0)	67 (170.2)				
Harmony	92 (233.7)	124 (315.0)	92 (233.7)	112 (284.5)	92 (233.7)	124 (315.0)	92 (233.7)	112 (284.5)	92 (233.7)	112 (284.5)	92 (233.7)	112 (284.5)	92 (233.7)	112 (284.5)	92 (233.7)	112 (284.5)	92 (233.7)	112 (284.5)	92 (233.7)	112 (284.5)				

**NOTES:** Due to continuous manufacturing improvements, minimums and maximums are subject to change. Please call customer service for up to date size considerations. 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

This table provides the maximum shade size available by fabric, control type, and valance style. Only the large cassette valance is available for the dual shade. Fabric turned width for height (railroaded) may curl along it's edge. This is not a defect in the product. Small and medium cassette valances are not available.

## Dual Shades: Maximum Shade Size

Valance Type	Normal Fabric Orientation										Fabric Turned Width for Height (Railroaded)									
	12 Volt Motor No Cassette/ No Valance		12 Volt Motor Large Cassette		24 Volt Motor No Cassette/ No Valance		24 Volt Motor Large Cassette		12 Volt Motor No Cassette/ No Valance at Max Width		12 Volt Motor Large Cassette at Max Length		12 Volt Motor No Cassette/ No Valance at Max Width		12 Volt Motor Large Cassette at Max Width		24 Volt Motor No Cassette/ No Valance		24 Volt Motor Large Cassette	
	Width inches (cm)	Height inches (cm)	Width inches (cm)	Height inches (cm)	Width inches (cm)	Height inches (cm)	Width inches (cm)	Height inches (cm)	Width inches (cm)	Height inches (cm)	Width inches (cm)	Height inches (cm)	Width inches (cm)	Height inches (cm)	Width inches (cm)	Height inches (cm)	Width inches (cm)	Height inches (cm)	Width inches (cm)	Height inches (cm)
<b>Fabric</b>																				
Herald	92 (233.7)	134 (340.4)	92 (233.7)	119 (302.3)	92 (233.7)	134 (340.4)	92 (233.7)	119 (302.3)	84 (213.4)	84 (213.4)	84 (213.4)	84 (213.4)	84 (213.4)	84 (213.4)	84 (213.4)	84 (213.4)	84 (213.4)	84 (213.4)	84 (213.4)	84 (213.4)
Kismet	71 (180.4)	82 (208.3)	73 (185.5)	74 (188.0)	88 (223.6)	66 (167.7)	88 (223.6)	66 (167.7)	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available
Merit	76 (193.1)	88 (223.6)	63 (160.1)	97 (248.4)	76 (193.1)	88 (223.6)	77 (195.6)	144 (365.8)	88 (223.6)	88 (223.6)	88 (223.6)	88 (223.6)	88 (223.6)	88 (223.6)	88 (223.6)	88 (223.6)	88 (223.6)	88 (223.6)	88 (223.6)	88 (223.6)
Monaco	77 (195.6)	144 (365.8)	77 (195.6)	144 (365.8)	77 (195.6)	144 (365.8)	77 (195.6)	144 (365.8)	86 (218.5)	86 (218.5)	86 (218.5)	86 (218.5)	86 (218.5)	86 (218.5)	86 (218.5)	86 (218.5)	86 (218.5)	86 (218.5)	86 (218.5)	86 (218.5)
Monticello	72 (182.9)	68 (172.8)	73 (185.5)	61 (155.0)	89 (226.1)	54 (137.2)	54 (137.2)	91 (231.2)	61 (155.0)	61 (155.0)	61 (155.0)	61 (155.0)	61 (155.0)	61 (155.0)	61 (155.0)	61 (155.0)	61 (155.0)	61 (155.0)	61 (155.0)	61 (155.0)
Opulent	88 (223.6)	133 (337.9)	88 (223.6)	133 (337.9)	88 (223.6)	133 (337.9)	88 (223.6)	133 (337.9)	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available
Parasades	76 (193.1)	115 (292.1)	77 (195.6)	104 (264.2)	93 (236.3)	93 (236.3)	93 (236.3)	94 (238.8)	93 (236.3)	93 (236.3)	93 (236.3)	93 (236.3)	93 (236.3)	93 (236.3)	93 (236.3)	93 (236.3)	93 (236.3)	93 (236.3)	93 (236.3)	93 (236.3)
Paradigm	76 (193.1)	76 (193.1)	77 (195.6)	69 (175.3)	92 (233.7)	61 (155.0)	61 (155.0)	84 (213.2)	61 (155.0)	61 (155.0)	61 (155.0)	61 (155.0)	61 (155.0)	61 (155.0)	61 (155.0)	61 (155.0)	61 (155.0)	61 (155.0)	61 (155.0)	61 (155.0)
Plexus 1%	69 (175.3)	70 (177.8)	70 (177.8)	63 (160.1)	85 (215.9)	56 (142.3)	56 (142.3)	87 (221.0)	56 (142.3)	56 (142.3)	56 (142.3)	56 (142.3)	56 (142.3)	56 (142.3)	56 (142.3)	56 (142.3)	56 (142.3)	56 (142.3)	56 (142.3)	56 (142.3)
Plexus 3%	69 (175.3)	74 (188.0)	71 (180.4)	66 (167.7)	86 (218.5)	59 (149.9)	59 (149.9)	88 (223.6)	59 (149.9)	59 (149.9)	59 (149.9)	59 (149.9)	59 (149.9)	59 (149.9)	59 (149.9)	59 (149.9)	59 (149.9)	59 (149.9)	59 (149.9)	59 (149.9)
Plexus 5%	69 (175.3)	82 (208.3)	71 (180.4)	72 (182.9)	85 (215.9)	66 (167.7)	66 (167.7)	87 (221.0)	66 (167.7)	66 (167.7)	66 (167.7)	66 (167.7)	66 (167.7)	66 (167.7)	66 (167.7)	66 (167.7)	66 (167.7)	66 (167.7)	66 (167.7)	66 (167.7)
Prairie	90 (228.6)	119 (302.3)	92 (233.7)	106 (269.3)	90 (228.6)	119 (302.3)	92 (233.7)	106 (269.3)	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available
Prodigy	56 (142.3)	70 (177.8)	58 (147.4)	63 (160.1)	69 (175.3)	56 (142.3)	56 (142.3)	71 (180.4)	56 (142.3)	56 (142.3)	56 (142.3)	56 (142.3)	56 (142.3)	56 (142.3)	56 (142.3)	56 (142.3)	56 (142.3)	56 (142.3)	56 (142.3)	56 (142.3)
Reaction	85 (215.9)	89 (226.1)	71 (180.4)	98 (249.0)	85 (215.9)	89 (226.1)	89 (226.1)	87 (221.0)	89 (226.1)	89 (226.1)	89 (226.1)	89 (226.1)	89 (226.1)	89 (226.1)	89 (226.1)	89 (226.1)	89 (226.1)	89 (226.1)	89 (226.1)	89 (226.1)
Resolve	71 (180.4)	97 (246.4)	73 (185.5)	87 (221.0)	87 (221.0)	79 (200.7)	79 (200.7)	69 (175.3)	79 (200.7)	79 (200.7)	79 (200.7)	79 (200.7)	79 (200.7)	79 (200.7)	79 (200.7)	79 (200.7)	79 (200.7)	79 (200.7)	79 (200.7)	79 (200.7)
Riverbend	72 (182.9)	76 (193.1)	72 (182.9)	69 (175.3)	72 (182.9)	61 (155.0)	61 (155.0)	72 (182.9)	61 (155.0)	61 (155.0)	61 (155.0)	61 (155.0)	61 (155.0)	61 (155.0)	61 (155.0)	61 (155.0)	61 (155.0)	61 (155.0)	61 (155.0)	61 (155.0)
Rujin	72 (182.9)	31 (78.8)	72 (182.9)	28 (71.2)	72 (182.9)	23 (58.5)	23 (58.5)	72 (182.9)	23 (58.5)	23 (58.5)	23 (58.5)	23 (58.5)	23 (58.5)	23 (58.5)	23 (58.5)	23 (58.5)	23 (58.5)	23 (58.5)	23 (58.5)	23 (58.5)
Sedona	72 (182.9)	105 (266.7)	72 (182.9)	95 (241.3)	72 (182.9)	83 (210.9)	83 (210.9)	72 (182.9)	83 (210.9)	83 (210.9)	83 (210.9)	83 (210.9)	83 (210.9)	83 (210.9)	83 (210.9)	83 (210.9)	83 (210.9)	83 (210.9)	83 (210.9)	83 (210.9)
Sheffield	81 (205.8)	115 (292.1)	82 (208.3)	104 (264.2)	98 (249.0)	93 (236.3)	93 (236.3)	99 (251.5)	93 (236.3)	93 (236.3)	93 (236.3)	93 (236.3)	93 (236.3)	93 (236.3)	93 (236.3)	93 (236.3)	93 (236.3)	93 (236.3)	93 (236.3)	93 (236.3)
Standard Weave 1%	83 (210.9)	85 (215.9)	70 (177.8)	89 (226.1)	83 (210.9)	85 (215.9)	85 (215.9)	85 (215.9)	85 (215.9)	85 (215.9)	85 (215.9)	85 (215.9)	85 (215.9)	85 (215.9)	85 (215.9)	85 (215.9)	85 (215.9)	85 (215.9)	85 (215.9)	85 (215.9)
Standard Weave 3%	84 (213.4)	85 (215.9)	71 (180.4)	87 (221.0)	84 (213.4)	85 (215.9)	85 (215.9)	86 (218.5)	85 (215.9)	85 (215.9)	85 (215.9)	85 (215.9)	85 (215.9)	85 (215.9)	85 (215.9)	85 (215.9)	85 (215.9)	85 (215.9)	85 (215.9)	85 (215.9)
Standard Weave 5%	83 (210.9)	93 (236.3)	70 (177.8)	99 (251.5)	83 (210.9)	83 (210.9)	83 (210.9)	86 (218.5)	83 (210.9)	83 (210.9)	83 (210.9)	83 (210.9)	83 (210.9)	83 (210.9)	83 (210.9)	83 (210.9)	83 (210.9)	83 (210.9)	83 (210.9)	83 (210.9)
Standard Weave 10%	84 (213.4)	98 (249.0)	71 (180.4)	100 (254.0)	84 (213.4)	98 (249.0)	98 (249.0)	86 (218.5)	84 (213.4)	84 (213.4)	84 (213.4)	84 (213.4)	84 (213.4)	84 (213.4)	84 (213.4)	84 (213.4)	84 (213.4)	84 (213.4)	84 (213.4)	84 (213.4)
Suburban II	72 (182.9)	144 (365.8)	72 (182.9)	144 (365.8)	72 (182.9)	142 (360.7)	142 (360.7)	72 (182.9)	142 (360.7)	142 (360.7)	142 (360.7)	142 (360.7)	142 (360.7)	142 (360.7)	142 (360.7)	142 (360.7)	142 (360.7)	142 (360.7)	142 (360.7)	142 (360.7)
Vanguard 1%	83 (210.9)	85 (215.9)	70 (177.8)	89 (226.1)	83 (210.9)	85 (215.9)	85 (215.9)	85 (215.9)	85 (215.9)	85 (215.9)	85 (215.9)	85 (215.9)	85 (215.9)	85 (215.9)	85 (215.9)	85 (215.9)	85 (215.9)	85 (215.9)	85 (215.9)	85 (215.9)
Vanguard 3%	84 (213.4)	85 (215.9)	71 (180.4)	87 (221.0)	84 (213.4)	85 (215.9)	85 (215.9)	86 (218.5)	84 (213.4)	84 (213.4)	84 (213.4)	84 (213.4)	84 (213.4)	84 (213.4)	84 (213.4)	84 (213.4)	84 (213.4)	84 (213.4)	84 (213.4)	84 (213.4)
Vanguard 5%	83 (210.9)	93 (236.3)	70 (177.8)	99 (251.5)	83 (210.9)	83 (210.9)	83 (210.9)	86 (218.5)	83 (210.9)	83 (210.9)	83 (210.9)	83 (210.9)	83 (210.9)	83 (210.9)	83 (210.9)	83 (210.9)	83 (210.9)	83 (210.9)	83 (210.9)	83 (210.9)
Venture	62 (157.5)	87 (221.0)	63 (160.1)	79 (200.7)	76 (193.1)	70 (177.8)	70 (177.8)	78 (198.2)	70 (177.8)	70 (177.8)	70 (177.8)	70 (177.8)	70 (177.8)	70 (177.8)	70 (177.8)	70 (177.8)	70 (177.8)	70 (177.8)	70 (177.8)	70 (177.8)
Whitcomb	91 (231.2)	113 (287.1)	76 (193.1)	125 (317.5)	91 (231.2)	113 (287.1)	113 (287.1)	93 (236.3)	113 (287.1)	113 (287.1)	113 (287.1)	113 (287.1)	113 (287.1)	113 (287.1)	113 (287.1)	113 (287.1)	113 (287.1)	113 (287.1)	113 (287.1)	113 (287.1)
Whitehall	87 (221.0)	102 (259.1)	73 (185.5)	113 (287.1)	87 (221.0)	102 (259.1)	89 (226.1)	89 (226.1)	102 (259.1)	89 (226.1)	89 (226.1)	89 (226.1)	89 (226.1)	89 (226.1)	89 (226.1)	89 (226.1)	89 (226.1)	89 (226.1)	89 (226.1)	89 (226.1)

**NOTES:** Due to continuous manufacturing improvements, minimums and maximums are subject to change. Please call customer service for up to date size considerations. 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

### Exterior Solar Shades Motorized Lift



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

#### Features

- Operate exterior shades virtually anywhere around the home, up to 65 feet (19.9 m) RTS range
- Provides easy operation of outdoor living space shades
- Manages harsh sun glare and solar heat, assists with temperature control
- Blocks damaging UV rays while maintaining outdoor view
- Motor located on the left or right side, standard on right
- Powered with 6 foot (182.9 cm) or 10 foot (304.8 cm) power cable; optional outdoor-rated plug
- Available with large cassette only, choose Brown (873), Vanilla (970), White (871), or Black (939)
- Available as standard roll only
- Stainless steel guide cables and unique universal cable locks (sill, jam, or wall mounted) are included

#### Multiple Control Options Available (multiple controls can operate the same shade)

- Exterior wirefree remote: outdoor-rated remote controls are water resistant and shock proof
- Interior wirefree remotes, wall switches, and timers: wireless remotes provide convenient operation of individual or groups of shades from inside the home
- Wind sensor: automatically raise the shade in windy conditions, protecting shades from wind damage

### Exterior Solar Shades: Maximum Shade Size

Fabric	Normal Fabric Orientation		Fabric Turned Width for Height (Railroaded)			
	Width inches (cm)	Height inches (cm)	Width inches (cm)	Height inches (cm)	Width inches (cm)	Height inches (cm)
Broadcast	117 (297.2)	144 (365.8)	127 (322.6)	144 (365.8)	144 (365.8)	74 (188.0)
Chronicles	97 (246.4)	144 (365.8)	Not available			
Merit	97 (246.4)	144 (365.8)	Not available			
Monticello	97 (246.4)	144 (365.8)	141 (358.2)	81 (205.8)	144 (365.8)	72 (182.9)
Paradigm	97 (246.4)	144 (365.8)	Not available			
Plexus 1%	117 (297.2)	144 (365.8)	123 (312.5)	144 (365.8)	144 (365.8)	74 (188.0)
Plexus 3%	117 (297.2)	144 (365.8)	125 (317.5)	144 (365.8)	144 (365.8)	80 (203.2)
Plexus 5%	117 (297.2)	144 (365.8)	127 (322.6)	144 (365.8)	144 (365.8)	88 (223.6)
Reaction	97 (246.4)	144 (365.8)	Not available			
Resolve	97 (246.4)	144 (365.8)	Not available			
Standard Weave 1%	117 (297.2)	144 (365.8)	130 (330.2)	144 (365.8)	144 (365.8)	117 (297.2)
Standard Weave 3%	117 (297.2)	144 (365.8)	131 (332.8)	144 (365.8)	144 (365.8)	117 (297.2)
Standard Weave 5%	117 (297.2)	144 (365.8)	133 (337.9)	144 (365.8)	144 (365.8)	128 (325.2)
Standard Weave 10%	117 (297.2)	144 (365.8)	135 (342.9)	144 (365.8)	144 (365.8)	134 (340.4)
Vanguard 1%	117 (297.2)	144 (365.8)	130 (330.2)	144 (365.8)	144 (365.8)	117 (297.2)
Vanguard 3%	117 (297.2)	144 (365.8)	131 (332.8)	144 (365.8)	144 (365.8)	117 (297.2)
Vanguard 5%	117 (297.2)	144 (365.8)	133 (337.9)	144 (365.8)	144 (365.8)	128 (325.2)
Venture	97 (246.4)	144 (365.8)	Not available			

Due to continuous manufacturing improvements, minimums, and maximums are subject to change. Please call customer service for up to date size considerations.

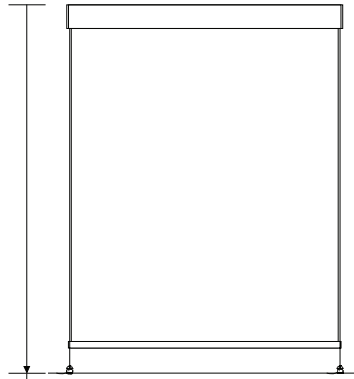
**NOTE:** These tables provide the maximum shade size available by fabric and cassette.

Seams may be added to fabrics to accommodate long shade requirements. For shades longer than material width, seams will be visible when the shade is fully extended.

Refer to exterior solar shades price list for pricing.

## Size Considerations

### Guide Cables (Motorized Exterior Shades Only)



+ 10" (25.4 cm)

Use the following guidelines to determine the guide cable length that will be provided with your shade.

- Add 10" (25.4 cm) to the shade height to determine guide cable length.
  - Cable lengths available are: 54" (137.2 cm), 80" (203.2 cm), 144" (365.8 cm), and 186" (472.5 cm)
  - The next longest cable length will be supplied with your measurement
  - All cables are stainless steel and include cable locks
  - Cables can be cut to length at time of installation

**EXAMPLE:** Shade height is 95" (241.3 cm). Adding 10" (25.4 cm) = 105" (266.7 cm).  
Shade will come with a guide cable at 144" (365.8 cm).

### Motor Power Cable

1. Estimate the number of feet from the cassette valance motor power cable exit to the electrical junction box or GFCI (Ground Fault Circuit Interrupter) outlet.
2. Select either 6 foot (182.9 cm) or 10 foot (304.8 cm) power cable.

# Options

## 12 Volt Power Considerations

12 volt motors can be powered by batteries, solar power kit, plug-in transformer, or multi-motor power supply. Below are some considerations when planning for power.

### Battery Tube Considerations

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

Battery tubes are installed outside of the product and can be challenging to hide in some applications.

- For outside mounts, battery tubes can be installed above or to the side of the shade
- For inside mounts, battery tubes are usually top-mounted (behind the headrail) between the shade and the window; to mount the battery tubes, additional recessed space will be needed

Dual battery tubes are required on all shades (cellular, pleated, Roman, natural, layered, sheer, soft, roller, and solar shades) over 3,600 square inches (23,225.8 cm<sup>2</sup>) to extend battery life. Dual battery tubes include an off set Y harness, 11" (28 cm) and 27¼" (69.3 cm) cable lengths.

<b>Battery Tube Dimensions:</b>	18" (45.8 cm) x 1⅞" (2.9 cm)
<b>Dual Battery Tube Dimensions:</b>	18" (45.8 cm) x 2¼" (5.8 cm) (installed side-by-side) 36" (91.5 cm) x 1⅞" (2.9 cm) (installed end-to-end)
<b>Single Battery Tube with Flush Mount:</b>	product flush mount + 1⅞" (2.9 cm)
<b>Single Battery Tube Minimum Recessed Space:</b>	product minimum recessed space + 1⅞" (2.9 cm)
<b>Dual Battery Tube with Flush Mount:</b>	product flush mount + 2¼" (5.8 cm)
<b>Dual Battery Tube Minimum Recessed Space:</b>	product minimum recessed space + 2¼" (5.8 cm)

**NOTE:** For best performance, use only AA lithium batteries.

### Solar Power Kit Considerations

The solar panel mounts indoors directly to the glass with included adhesive strips or using provided mounting brackets. Verify window is unobstructed to sunlight by vegetation, decorative grills, or bug screens. Window construction can be non-tinted, single or double pane, which have a minimum of 65% light transmission for proper solar charging.

**Kit Includes:** Solar panel, battery tube and 10 AA NiMH rechargeable batteries, Y harness, battery tube clips, solar panel mounting brackets, glass-mount adhesive strips, alcohol wipe, and instructions.

- For outside mounts, battery tube can be installed above or to the side of the shade and the solar panel can be installed directly against the window within reach of the wire harness (approximately 10" (25.4 cm) Y harness)
- For inside mounts, battery tube and solar panel can be top-mounted (behind the headrail) or to the side of the shade (vertical orientation) between the shade and the window; additional recessed space will be needed

<b>Battery Tube Dimensions:</b>	21¼" (55.3 cm) x 1⅞" (2.9 cm)
<b>Solar Panel Dimensions:</b>	12" (30.5 cm) x 1½" (3.9 cm)
<b>Battery Tube with Flush Mount:</b>	product flush mount + 1⅞" (2.9 cm)
<b>Battery Tube Minimum Recessed Space:</b>	product minimum recessed space + 1⅞" (2.9 cm)

**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.**

**12 Volt Transformer:** includes 6 foot (182.9 cm) power cord and an 8 foot (243.9 cm) extension cable (power cord cannot be cut to length or trimmed)

**Dimensions:** 4" (10.2 cm) wide x 2" (5.1 cm) deep (not including plug) x 1½" (3.9 cm) high (as you look at the plug in the outlet)

### Multi-Motor Power Supply Considerations

Transformer enclosure is generally mounted in an accessible indoor location such as a basement, utility closet, or garage. Motors are "home run" wired to the panel using 16-gauge wire.

**CAUTION:** A licensed electrician is required for all line voltage electrical connections. All local and NEC codes must be followed.

**12 Volt:** 10 motor power supply available for 12 volt motors; includes extension cable and connections.

**Dimensions:** 12" (30.5 cm) wide x 6" (15.3 cm) deep x 12" (30.5 cm) high



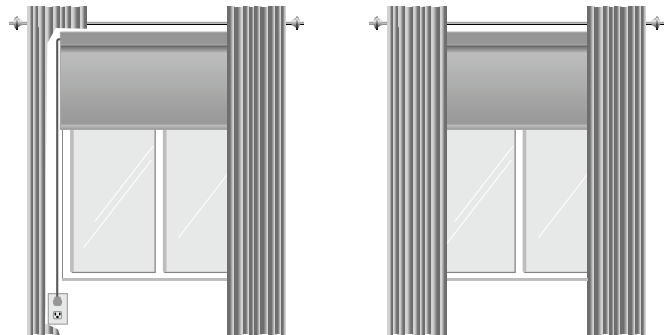
Outside Mount



Inside Mount



Solar Power Kit





# Options

## 24 Volt Power Considerations

24 volt motors can be powered by plug-in transformer or multi-motor power supply. Below are some considerations when planning for power.

### DC Plug-In Transformer Considerations

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

**24 Volt:** includes 8 foot (243.9 cm) removable motor lead and 5 foot (152.4 cm) power cord that can be cut to desired length

**Dimensions:** 2" (5.1 cm) wide x 1 $\frac{5}{8}$ " (4.2 cm) deep (not including plug) x 4" (10.2 cm) long (as you look at the plug in the outlet)

### Multi-Motor Power Supply Considerations

Transformer enclosure is generally mounted in an accessible indoor location such as a basement, utility closet, or garage. Motors are "home run" wired to the panel using 16-gauge wire.

**CAUTION:** A licensed electrician is required for all line voltage electrical connections. All local and NEC codes must be followed.

**24 Volt:** 5 motor or 10 motor power supply available for all solar, roller, soft shades, and natural shades; includes extension cable and connections

**Dimensions:** 12" (30.5 cm) wide x 6" (182.9 cm) deep x 12" (30.5 cm) high

## 120 Volt Power Considerations

120 volt motors utilize the home or building's line voltage. Below are some considerations when planning for power.

**CAUTION:** A licensed electrician is required for all electrical connections. All local and NEC codes must be followed.

### Radio Frequency 120 Volt Motors

Radio frequency-controlled motors are either hard-wired or plugged into line voltage. Any variety of RF controls can be used to achieve your desired control scenarios: remotes, wall switches, or timers. When installing a radio frequency-controlled line voltage motor, you have three options for electrical connection:

1. Plug in to a prewired outlet with a three-prong plug. This is the simplest method; however, it requires the outlet be located within range of the motor cord. Do not use an extension cord.
2. Wire a quick disconnect plate with an extended junction box lead directly into a junction box.
3. Install a plug plate on a junction box and use a quick disconnect prewired to the motor lead.

#### Interior Radio Frequency 120 Volt Power Options:

- 3 foot (91.5 cm) power cord with 3-prong plug
- 11.5 foot (350.6 cm) power cord with 3-prong plug
- 3 foot (91.5 cm) motor lead with 5 foot (152.4 cm) junction box lead and quick disconnect
- 3 foot (91.5 cm) motor lead with 10 foot (304.8 cm) junction box lead and quick disconnect
- 3 foot (91.5 cm) motor lead with quick disconnect and plug plate

#### Exterior Radio Frequency 120 Volt Power Options:

- 6 foot (182.9 cm) power cord
- 6 foot (182.9 cm) power cord with 3-prong plug (field attached)
- 10 foot (304.8 cm) power cord
- 10 foot (304.8 cm) power cord with 3-prong plug (field attached)

### Standard 120 Volt Motors

When installing a standard line voltage motor, both power and control are hard-wired to the motor. Control is provided via wall switches or dry contact outputs provided by certain home and building automation packages. Standard motor configuration options are:

#### Standard Motor Options:

- 18" (45.8 cm) motor lead with 5 foot (152.4 cm) junction box lead and quick disconnect
- 18" (45.8 cm) motor lead with 10 foot (304.8 cm) junction box lead and quick disconnect
- 18" (45.8 cm) motor lead with quick disconnect and plug plate

# Options

## Low Voltage 12 Volt and 24 Volt Power Components



### Battery Tubes (12 Volt Motors Only)













- Reloadable and are available with or without batteries
- Each tube includes 2 battery clips
- Optional 48" (122.0 cm) or 96" (243.9 cm) extensions available
- Shades (cellular, pleated, Roman, natural, layered, sheer, soft, roller, and solar shades) greater than 3,600 square inches (23,225.8 cm<sup>2</sup>) require two single battery tubes (dual tubes) to extend battery life
- Dual tubes include an offset Y harness 11" (28.0 cm) and 27¼" (63.5 cm) cable lengths (dual tubes are not required for any size horizontal blinds)
- For outside mount, battery tubes can be installed above or to the side of product
- For inside mount, battery tubes are usually top-mounted (behind the headrail), between the window covering and the window
- For best performance, use only AA lithium batteries (each tube requires 8 AA lithium batteries)
- Battery power recommended for maximum of 10 shades for best battery performance



### Solar Power Kit (12 Volt Motors Only)

- Patented energy-saving technology uses sunlight to power the motorized window covering
- The battery tube houses 10 AA NiMH rechargeable batteries, tube length 21¼" (55.3 cm) x 1⅞" (2.9 cm) in diameter
- Maintenance-free solution that doesn't require the use of an electrician
- Convenient and cost effective; reduces battery replacement and preserves the environment
- Easy to install for new and existing window covering installation
- Solar (photovoltaic) panel is low profile and easy to conceal (adhesive mounting strips or mounting brackets are included)
- Solar power kit includes 10" (25.4 cm) Y harness
- Batteries can be recharged with any NiMH AA battery charger
- The solar power kit is fully charged at the time of shade fabrication and should be installed within one week; if installation is delayed, place the solar panel with filled battery tube in location that gets periodic sunlight to maintain the charge

### Window Application Guidelines for Solar Power Kit

<b>Window Type</b>					<b>Avoid</b>		
	<b>Single or Double Pane OK</b>	<b>Light Transmission 65% or Greater</b>	<b>Window Tinting</b>	<b>Inside Window Only</b>		<b>Awnings or Deep Roof Eaves</b>	<b>Window Dividers/Overlapping Solar Panel</b>
<b>Moving Window</b>					<b>Avoid</b>		
	<b>Fixed Window</b>	<b>Double Hung</b>	<b>Sliding</b>	<b>Casement</b>		<b>Vegetation Blocking Light</b>	<b>Bug Screens</b>
<b>Concern</b>	Clean Install	Caution: Avoid Panel Collision	Caution: Avoid Panel Collision	Caution: Panel Movement will Tug or Tear Harness			
<b>Suggestions</b>		Limit Screw in Track	Limit Screw in Track	Cable Tie Near Corner			

## Options

### Low Voltage 12 Volt and 24 Volt Power Components (continued)



#### Plug-In Transformer

- Eliminates the need for batteries
- Available in White only
- 12 volt: 72" (182.9 cm) power cord and 96" (243.9 cm) extension cable (power cord and extensions cannot be cut to length)
- 24 volt: 96" (243.9 cm) motor lead and 180" (457.2 cm) power cord (cord can be cut to length)

#### Transformer Dimensions

- 12 volt: 4" (10.2 cm) wide x 2" (5.1 cm) deep (not including plug) x 1½" (3.9 cm) high (as you look at the plug in the outlet)
- 24 volt: 2" (5.1 cm) wide x 1⅝" (4.2 cm) deep (not including plug) x 4" (8.0 cm) high (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 will house and conceal exposed wiring for a clean and professional appearance.



#### Multi-Motor Power Supply

- Used when hard-wiring the transformer and direct wiring the motorized window coverings
- Each motor is "home run" wired back to the multi-motor power supply
- Power supply includes extension cable and connections
- Must be mounted indoors, NEMA rated
- Dimensions: 12" (30.5 cm) wide x 6" (15.3 cm) deep x 12" (30.5 cm) high
- 120 volt AC 3.3 amps

#### 12 Volt Motors:

- All products: up to 10 motors per power supply

#### 24 Volt Motors:

- Solar, roller, soft shades, and natural shades: 5 motor and 10 motor power supply are available





## Options

Motorized Graber® blinds and shades feature Somfy® radio frequency motors and accessories. All Somfy radio frequency motors utilize Somfy's proprietary protocol Radio Technology Somfy® (RTS).

<b>Radio Frequency Controls (RTS Range 65 Feet (19.9 m))</b>			
	<p><b>Telis Hand-Held Remotes</b></p> <ul style="list-style-type: none"> <li>• Compatible with all Somfy RTS motors</li> <li>• Used to control single blinds/shades on each channel or group blinds/shades performing the same function</li> <li>• Battery included</li> <li>• Remote includes convenient mounting hardware for hanging when not in use</li> </ul> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> <p><b>Telis 1, Single Channel Remote</b> Available colors:</p> <ul style="list-style-type: none"> <li>• Interior: White, Silver, Black</li> <li>• Exterior: Patio Blue</li> </ul> </td> <td style="width: 50%; vertical-align: top;"> <p><b>Telis 4, Five Channel Remote</b> Available colors:</p> <ul style="list-style-type: none"> <li>• Interior: White, Silver, Black</li> <li>• Exterior: Patio Blue</li> </ul> </td> </tr> </table>	<p><b>Telis 1, Single Channel Remote</b> Available colors:</p> <ul style="list-style-type: none"> <li>• Interior: White, Silver, Black</li> <li>• Exterior: Patio Blue</li> </ul>	<p><b>Telis 4, Five Channel Remote</b> Available colors:</p> <ul style="list-style-type: none"> <li>• Interior: White, Silver, Black</li> <li>• Exterior: Patio Blue</li> </ul>
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	<p><b>Telis 16, Sixteen Channel Hand-Held Remote</b></p> <ul style="list-style-type: none"> <li>• Compatible with all Somfy RTS motors</li> <li>• Used to control a single blind/shade on each channel or group blinds/shades performing the same function</li> <li>• Convenient display provides easy identification of shade(s) being controlled</li> <li>• Battery included</li> <li>• Remote includes convenient mounting hardware for hanging when not in use</li> <li>• Available colors: interior only—White, Silver</li> </ul>		
	<p><b>Telis Modulis Hand-Held Remotes</b></p> <ul style="list-style-type: none"> <li>• Compatible with all Somfy RTS motors</li> <li>• Used to control a single blind/shade on each channel or group blinds/shades performing the same function</li> <li>• Scroll interface allows for precise adjustment for blinds/shades, ideal for fine control horizontal blinds, layered, and sheer shades</li> <li>• Battery included</li> </ul> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> <p><b>Telis 1 Modulis, Single Channel Remote</b> Available colors:</p> <ul style="list-style-type: none"> <li>• Interior: White</li> </ul> </td> <td style="width: 50%; vertical-align: top;"> <p><b>Telis 4, Five Channel Remote</b> Available colors:</p> <ul style="list-style-type: none"> <li>• Interior: White</li> </ul> </td> </tr> </table>	<p><b>Telis 1 Modulis, Single Channel Remote</b> Available colors:</p> <ul style="list-style-type: none"> <li>• Interior: White</li> </ul>	<p><b>Telis 4, Five Channel Remote</b> Available colors:</p> <ul style="list-style-type: none"> <li>• Interior: White</li> </ul>
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	<p><b>DecoFlex Wireless Wall Switches</b></p> <ul style="list-style-type: none"> <li>• Compatible with all Somfy RTS motors</li> <li>• Used to control a single blind/shade on each channel or group blinds/shades performing the same function</li> <li>• Switches include button labels and mounting hardware to flush mount in drywall (wireless)</li> <li>• Battery included</li> </ul> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> <p><b>Single Channel Wall Switch</b> Available colors:</p> <ul style="list-style-type: none"> <li>• Interior: White, Ivory, Black</li> </ul> </td> <td style="width: 50%; vertical-align: top;"> <p><b>Five Channel Wall Switch</b> Available colors:</p> <ul style="list-style-type: none"> <li>• Interior: White, Ivory, Black</li> </ul> </td> </tr> </table>	<p><b>Single Channel Wall Switch</b> Available colors:</p> <ul style="list-style-type: none"> <li>• Interior: White, Ivory, Black</li> </ul>	<p><b>Five Channel Wall Switch</b> Available colors:</p> <ul style="list-style-type: none"> <li>• Interior: White, Ivory, Black</li> </ul>
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	<p><b>DecoFlex Table Top Remotes</b></p> <ul style="list-style-type: none"> <li>• Compatible with all Somfy RTS motors</li> <li>• Used to control a single blind/shade on each channel or group blinds/shades performing the same function</li> <li>• Switches include button labels</li> <li>• Battery included</li> </ul> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> <p><b>Single Channel Table Top Remote</b> Available colors:</p> <ul style="list-style-type: none"> <li>• Interior: Silver, Black, White</li> <li>• Silver and Black include Black wall switch</li> <li>• White includes White wall switch</li> </ul> </td> <td style="width: 50%; vertical-align: top;"> <p><b>Five Channel Table Top Remote</b> Available colors:</p> <ul style="list-style-type: none"> <li>• Interior: Silver, Black, White</li> <li>• Silver and Black include Black wall switch</li> <li>• White includes White wall switch</li> </ul> </td> </tr> </table>	<p><b>Single Channel Table Top Remote</b> Available colors:</p> <ul style="list-style-type: none"> <li>• Interior: Silver, Black, White</li> <li>• Silver and Black include Black wall switch</li> <li>• White includes White wall switch</li> </ul>	<p><b>Five Channel Table Top Remote</b> Available colors:</p> <ul style="list-style-type: none"> <li>• Interior: Silver, Black, White</li> <li>• Silver and Black include Black wall switch</li> <li>• White includes White wall switch</li> </ul>
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## Options

Motorized Graber® blinds and shades feature Somfy® radio frequency motors and accessories. All Somfy radio frequency motors utilize Somfy's proprietary protocol Radio Technology Somfy® (RTS).

<b>Integration Devices</b>	
	<p><b>16 Channel Z-WAVE to RTS Bridge (ZRTSI II)</b></p> <p>The ZRTSI II is a Z-Wave to RTS Interface which acts as a bridge controller between a Somfy RTS motor and Z-Wave network. It receives Z-Wave transmissions and converts them to motor control commands for wireless controlled motors. Each ZRTSI II is plugged into an active electrical outlet and has sixteen (16) RTS channels. Each channel can control one individual or one group of RTS motorized window coverings.</p> <ul style="list-style-type: none"> <li>• Allows Z-Wave controllers to operate Somfy RTS motors</li> <li>• 16 Channels of RTS control</li> <li>• Can be controlled with Z-Wave only</li> <li>• 65 foot (19.9 m) RTS range</li> <li>• Plugs into wall outlet</li> <li>• Dimensions: 2¾" (7.0 cm) wide x 5½" (14.0 cm) high x 1½" (3.9 cm) deep (not including plug)</li> </ul>
	<p><b>Universal RTS Interface—URTSI II</b></p> <p>The addressable Universal RTS Interface can be used to communicate between home automation or other third party systems and all Somfy (RTS) motors and controls. It is capable of individual or group control and can be operated via Infrared Remote, RS232 or RS485 serial communication. Once an input is activated, an RTS radio command is sent to the motorized window treatment. Up to 16 addressable channels are available.</p> <ul style="list-style-type: none"> <li>• Used for third party integration of all Somfy RTS motors, including both line (120 Volt A/C) and low voltage systems</li> <li>• Converts IR/RS232/RS485 to control all Somfy Radio Frequency (RTS) motors</li> <li>• 65 foot (19.9 m) RTS range</li> <li>• Power: 9 volt—15 volt DC, 200mA draw for each universal interface—transformer included</li> <li>• Up to 16 URTSI II's can be used in one system</li> </ul>
	<p><b>Single Channel Dry Contact to RTS Interface (Includes Power Cord)</b></p> <p>The Somfy Single Channel RTS dry contact interface communicates with all RTS motors and can only be controlled by dry contact. It operates as a single channel Telis remote controller, providing UP, DOWN and STOP functions along with a "MY" or customer-preferred shade setting. The RTS (RF) technology controls all RTS devices within a 65 foot (19.9 m) range. This device is enclosed in a weatherproof mounting case for indoor and outdoor operation.</p> <ul style="list-style-type: none"> <li>• Single channel RTS control for all Somfy RTS motors</li> <li>• Controlled with dry contacts</li> <li>• Powered by 3 volt lithium battery (included)</li> <li>• Knockout holes in back and bottom of weatherproof case</li> <li>• Dimensions: 6" (15.3 cm) wide x 4¼" (10.8 cm) high x 2¼" (5.8 cm) deep</li> </ul>
	<p><b>mylink™ WiFi to RTS Interface</b></p> <p>The mylink WiFi to Radio Technology Somfy® interface is a WiFi to RTS bridge that can control up to 5 channels of RTS motorized products using the Somfy mylink apps for iOS and Android devices. Through the app, users can send immediate RTS commands, create scenes (a group of motorized products working together), and schedules (timed events). Users may access their mylinks from anywhere with the apps' remote access feature. Though the mylink is a single-zone controller, multiple mylinks can be joined within the same system for multi-zone control. The mylink can also serve as an IP to RTS bridge for 3rd party control systems.</p> <ul style="list-style-type: none"> <li>• Dimensions: 2¼" (5.8 cm) wide x 4⅞" (10.5 cm) high x 1½" (3.9 cm) deep</li> </ul>

# Options

Motorized Graber® blinds and shades feature Somfy® radio frequency motors and accessories. All Somfy radio frequency motors utilize Somfy's proprietary protocol Radio Technology Somfy® (RTS).

## Specialty Radio Frequency Controls



### Telis 1 Chronis RTS Timer

- Compatible with all Somfy RTS motors
- Used to control a single blind/shade or group of blinds/shades performing the same function
- Schedule one open and one closed function per day with different scheduled operation for weekend and weekdays
- Convenient display provides easy identification of shade(s) being controlled
- Battery included
- Remote includes convenient mounting hardware for hanging when not in use
- Available colors: White



### Sunis Sun Sensor

The Somfy Sunis RTS Sun Intensity Sensor is a wireless transmitter compatible with RTS motorized window coverings. Window or sill mounted, the Sunis RTS operates motorized window coverings in accordance to the sun intensity. Sensitivity (threshold) settings can be adjusted to accommodate various sunlight intensity and room temperatures to provide the ultimate in comfort and protection from harmful UV rays.

The Somfy Sunis RTS controller communicates with all Somfy RTS controllable devices. The Sunis is a wireless, battery-powered, single channel RF programmable controller for an unlimited number of Somfy RTS motors. All motors assigned to the Sunis will operate simultaneously. When used with the Somfy RTS shade motors, the Sunis will open or close the shades based on the amount of sun reaching the sensor.

- Two-position suction cup mounting
- Mounts to glass or windowsill
- Powered by 3 volt lithium battery (included)
- Controls unlimited RTS motors
- Controls RTS motors based on sun intensity
- Operating temperature: 32°F to 140°F
- INDOOR USE ONLY
- Dimensions: 2<sup>3</sup>/<sub>16</sub>" (5.6 cm) diameter x 3<sup>1</sup>/<sub>4</sub>" (2.0 cm) deep







### (RTS) Repeater—Range Expander

The Repeater extends the range of all Somfy RTS controllers. Devices or motors that might have been previously out of range from an RTS transmitter can now be controlled by adding the RTS Repeater. The RTS Repeater should be placed approximately halfway between the RTS Somfy motor and controller. An LED is provided for confirmation that the unit is receiving the RTS. Repeater has the same typical range of other transmitters at approximately 65 feet (19.9 cm) and plugs directly into any household AC outlet.

- Communicates with all Somfy (RTS) devices/motors
- Range expander: strengthens and extends the radio frequency signal (RTS) from control to motor
- Plug and play: plugs directly into any AC-Outlet; no programming needed
- LED feedback
- Controls unlimited number of shades simultaneously
- Dimensions: 2<sup>1</sup>/<sub>8</sub>" (5.4 cm) wide x 4<sup>1</sup>/<sub>8</sub>" (10.5 cm) high x 1.275" (3.3 cm) deep (without antenna)







## Options

Motorized Graber® blinds and shades feature Somfy® radio frequency motors and accessories. All Somfy radio frequency motors utilize Somfy's proprietary protocol Radio Technology Somfy® (RTS).

Exterior Solar Shade Motorization Controls	
	<p><b>Telis 1 Single Channel RTS Remote Exterior, Wirefree: Patio (White and Blue)</b> Somfy's Telis single channel remote is compatible with all radio frequency motors. For exterior shades, use to control a single blind or group of blinds/shades performing the same function from up to 65 feet (19.9 m) away. It is compatible with DecoFlex wall switches and the Chronis Comfort timer. A great way to operate blinds/shades without a direct line of sight. Compatible with the RF wind sensor. Water resistant and shock proof for outdoor use. Battery included.</p>
	<p><b>Telis 4 Five Channel RTS Remote Exterior, Wirefree: Patio (White and Blue)</b> Somfy's Telis 4, five channel remote is compatible with all radio frequency motors. For exterior shades, use to control multiple blinds/shades independently, in a group setting, or multiple groups from up to 65 feet (19.9 m) away. It is compatible with DecoFlex wall switches and the Chronis Comfort timer. Perfect for controlling blinds/shades in multiple rooms. Compatible with the RF wind sensor. Water resistant and shock proof for outdoor use. Battery included.</p>
	<p><b>Eolis RTS Wind Sensor</b> The Somfy's Eolis RTS wind sensor is a radio wind sensor for exterior motorized shades. The sensor detects a wind threshold and automatically raises the shades. The wind threshold is adjustable. Powered by plugging into a 120 volt electrical outlet. Exterior-rated fasteners are not included.</p>
	<p><b>Exterior-Rated Plug</b> Optional black electrical 3-wire plug, 15 amp, to be used with a GFCI outlet. This allows the shade to be plugged in versus hard-wired.</p>

# Options

## Standard Motor 120 Volt Controls

	<p><b>Maintained DP-DT Paddle Switch</b></p> <ul style="list-style-type: none"> <li>• Controls one or two shades as a stand-alone control</li> <li>• 120 volt A/C</li> <li>• Available colors: White, Ivory</li> </ul>
	<p><b>Maintained SP-DT Paddle Switch</b></p> <ul style="list-style-type: none"> <li>• Controls one or two shades as a stand-alone or in conjunction with a GCS-II multi-motor control for up to four motor operation</li> <li>• 120 volt A/C</li> <li>• Available colors: White, Ivory</li> </ul>
	<p><b>Group Control System (GCS-II)</b></p> <p>The Group Control System-II (GCS-II) permits low voltage control of up to four Somfy® motors with one or more switches, from one or more locations. The GCS-II offers only group control, and does not have the capability of operating each motor individually. The Group Control System-II is UL and cUL approved.</p> <ul style="list-style-type: none"> <li>• Enclosure measures 8" (20.4 cm) wide x 10" (25.4 cm) high x 4" (10.2 cm) deep</li> <li>• SP-DT paddle switch sold separately</li> </ul>
	<p><b>Animeo® Decora Switch</b></p> <p>The Animeo Decora switch line is designed for use with Somfy's Animeo MOCO controls. This switch features a 6-pin modular connector which takes advantage of modular cable to connect it to a motor controller. The Animeo switch can be used for individual or group control. Both single (3 button) and double (6 button) switch stations come in White and Ivory, and feature UP, STOP, and DOWN buttons. The soft contours and neutral colors complement any decor. Installs in a standard single gang electrical box.</p> <ul style="list-style-type: none"> <li>• Available colors: White, Ivory</li> </ul>
	<p><b>Animeo</b></p> <p>The motor controller is an electronically operated, stand-alone control system, offering high performance management of up to four motors. The Animeo can control motors as a group or individually, including the ability to set an intermediate position.</p> <ul style="list-style-type: none"> <li>• Dimensions: 9<math>\frac{7}{8}</math>" (25.1 cm) wide x 2<math>\frac{3}{8}</math>" (6.1 cm) high x 7" (17.8 cm) deep</li> </ul>
	<p><b>Motor Tester Cable</b></p> <p>The motor tester cable is used for any 120 volt motor with the wago quick disconnect. The cable allows for adjusting or setting limits. Motor tester cable includes switch and wago quick disconnect plug.</p> <ul style="list-style-type: none"> <li>• Dimensions 2.5" (6.4 cm) wide x 3" (7.7 cm) high x 2" (5.1 cm) deep</li> </ul> <p><b>NOTE:</b> Call customer service to order this item.</p>



# Price Charts and Options Pricing

## Motor Pricing by Product: Radio Frequency

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

For motorized lift dual shades, one (1) motor, and one (1) power source are required for each motorized shade (total of two motors and two power sources if both shades of the dual shade are motorized).

## Motor Pricing: Add Price of Motor to Blind or Shade Price from Product Price List

12 Volt RF Motor Options		120 Volt Interior RF Motor and Power Options	
Cellular, Pleated, or Roman Shades	\$428 per panel	120 Volt Radio Frequency Motor	\$979
Wood, Composite Blinds, Vinyl, or Aluminum (Excludes 1" (2.6 cm))	355	<b>Choose one power option below</b>	
Roller, Solar, Soft Shades, Layered, and Sheer Shades	392	3 Foot (91.5 cm) Motor Lead and 3-Prong Plug	\$48
Natural Shades	392 per panel	11½ Foot (350.6 cm) Motor Lead and 3-Prong Plug	136
<b>24 Volt RF Motor Options</b>		3 Foot (91.5 cm) Motor Lead and 5 Foot (152.4 cm) J-Box Lead with Quick Disconnect	97
Roller, Solar, Soft Shades, or Natural Shades	\$829	3 Foot (91.5 cm) Motor Lead and 10 Foot (304.8 cm) J-Box Lead with Quick Disconnect	138
		3 Foot (91.5 cm) Lead with Quick Disconnect and Plug Plate	109

**NOTE:** 3-prong exterior plug price below.

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

### A. Motorization Power Sources

**Power Source**—Choose one (1) battery option, one (1) solar power kit, one (1) transformer per motor, or select multi-motor power supply.

**NOTE:** For cellular, pleated, Roman, and natural shades surcharge is per panel.

Radio Frequency Power Sources	
<b>12 Volt Power Options</b>	
12 Volt Reloadable Battery Tube, Unfilled, Requires 8 AA Lithium Batteries	\$63
12 Volt Reloadable Battery Tube, Filled	124
Dual 12 Volt Reloadable Battery Tubes*: Unfilled, Requires 16 AA Lithium Batteries. Off Set Y Harness Cable Included	143
Dual 12 Volt Battery Tubes*: Filled, Off Set Y Harness Extension Cable Included	265
48" (122.0 cm) Extension Cable	19
96" (243.9 cm) Extension Cable	24
Solar Power Kit	482
12 Volt DC Plug-In Transformer	116
12 Volt Multi Motor Power Supply 10 Motors—Up to 10 Motors Per Power Supply	1144
*Dual battery tubes are required for shades greater than 3,600 square inches (23,225.8 cm <sup>2</sup> ) to extend battery life. Excluding wood, composite blinds, 2" (5.1 cm) vinyl, or 2" (5.1 cm) aluminum blinds. DC plug-in transformer is required for shades greater than 7,200 square inches (46,451.5 cm <sup>2</sup> ).	
<b>24 Volt Power Options</b>	
24 Volt DC Plug-In Transformer with 5 Foot (152.4 cm) Power Cord	\$143
24 Volt 5 Motor Power Supply	1321
24 Volt 10 Motor Power Supply	1947
<b>120 Volt Exterior Power</b>	
120 Volt Exterior Electrical 3-Prong Plug: 15 Amp	\$57

### B. Motorization Controls

**Controller**—Choose one or more remotes, wall switches or timer per order. Controllers are wire-free and battery is included.

Radio Frequency Remote Controls	
Telis 1 Single Channel RTS Remote: White	\$116
Telis 1 Single Channel RTS Remote: Black or Silver	188
Telis 1 Single Channel Exterior RTS Remote: White/Blue	143
Telis 1 Single Channel Modulis Remote: White	396
Telis 4 Five Channel RTS Remote: White	155
Telis 4 Five Channel RTS Remote: Black or Silver	212
Telis 4 Five Channel Exterior RTS Remote: White/Blue	156
Telis 4 Five Channel Modulis Remote: White	562
Telis 16 Channel Remote: White or Silver	631
<b>Radio Frequency Wall Switches</b>	
DecoFlex Single Channel Wall Switch: White or Ivory	\$300
DecoFlex Single Channel Wall Switch: Black	364
DecoFlex Five Channel Wall Switch: White or Ivory	330
DecoFlex Five Channel Wall Switch: Black	375
<b>Radio Frequency Table Top Remotes</b>	
DecoFlex Single Channel Table Top Remote: Black, White, or Silver	\$473
DecoFlex Five Channel Table Top Remote: Black, White, or Silver	486
<b>Specialty Radio Frequency Controls</b>	
Telis 1 Chronis RTS Timer: White	\$615
Sunis RTS Sun Sensor	499
Radio Frequency Repeater (Plug-In)	625
RTS Wind Sensor (Includes Exterior Power Cord with 3-Prong Plug)	562
<b>Integration Devices</b>	
ZRTSI II: 16-Channel Z-Wave to RTS Bridge	\$235
URTSI II: Universal RTS Bridge	1387
Single Channel Dry Contact to RTS Interface	255
mylink™ WiFi to RTS Interface	556
<b>NOTE:</b> The integration devices cannot be the sole controller for motorized window treatment(s). A remote, wall switch, or timer is needed with your window treatment(s).	

## Price Charts and Options Pricing

### Motor Pricing by Product: 120 Volt Standard Motor

**NOTE:** 120 volt power options included with motor selection.

### Motor Pricing: Add Price of Motor to Blind or Shade Price from Product Price List

**NOTE:** 120 volt interior standard motor and power options.

120 Volt Standard Motor	\$676
<b>Choose One Power Option Below</b>	
18" (45.8 cm) Motor Lead and 5 foot (152.4 cm) J-Box Lead with Quick Disconnect	\$126
18" (45.8 cm) Motor Lead and 10 foot (304.8 cm) J-Box Lead with Quick Disconnect	193
18" (45.8 cm) Motor Lead with Quick Disconnect and Plug Plate	114

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

### B. 120 Volt Standard Motor Control Options

**Controls**—Choose the control option you desire.

Standard control options provide up, down, and stop operation of the shades only. When grouping multiple shades, the entire group will go up and down together. For individual shade control within groups or to set intermediate settings, choose from the Animeo® control options below.

#### Standard Control Options

Maintained DP-DT Paddle Switch for 1 or 2 Standard Motors with Face Plate—White or Ivory	\$144
Group Control System (GCS-II)	974
Maintained SP-DT Paddle Switch with Face Plate (For Use with GCS-II)—White or Ivory	86
Motor Tester Cable <b>NOTE:</b> Call customer service to order this item	391

#### Advanced Control Options

Animeo 4-Motor Controller (AC)	\$1144
Animeo Decorator Switch, Single (3 Button)—White or Ivory	187
Animeo Decorator Switch, Dual (6 Button)—White or Ivory	230



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