

MOTORIZED SHADES FEATURING ZIGBEE TECHNOLOGY

Product Information Guide

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GRABER®

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Features

Motorized Shades

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

Zigbee Motorization: this category is NEW to Graber and has a family of motors for solar, roller, natural shade, Artisan Roman, sheer and layered products. Somfy Zigbee motors provide bi-directional communication allowing both the Tahoma app and third-party integration to show shade status and battery life. Setup is simple by leveraging the Somfy TaHoma Pro app.

Radio Frequency (RF)

Motorized Graber shades feature Zigbee Somfy radio frequency motors and accessories.

- Window treatments can be operated from virtually anywhere in the home up to 35 feet
- 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 corded lift options; ideal for homes with children and pets
- Easily integrated with home automation systems
- Not available with hold down brackets or specialty window treatments

Control and Power Options

- Multiple control and power options available; see options section for availability

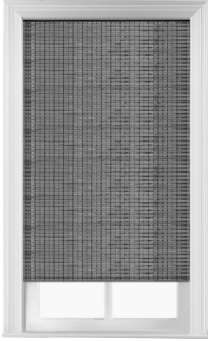
Somfy Zigbee 3.0 motorized shades feature the following:

- Two way communication
- Supports third-party integration, smart home, and connectivity
- Uses a mesh network designed so devices can repeat signals to other devices if needed.
- Product categories aligned with CEDIA channel demand.

Features and Size Considerations

Natural Shades Motorized Lift

Order Entry: See chart below



Refer to individual product information guide for specific option information for the product being ordered. See page 2 for benefits of using Motorization.

Features

- Available on standard Roman or old style Roman
- Available with deco-trim hems and accent gimp
- Available with privacy and room-darkening liners
- Available with 9" standard valance, 9" premier valance, or 9" deco-trim valance
- Available with fabric edge banding and liners
- Motor mounted to the underside of hardwood headrail on right side
- Rechargeable motors will be received at approximately 30% charge. Charging will be required before use
- Not available with looped Roman, angle top, or hold down brackets
- Available with bottom corner and bottom center cut-outs

Control and Power Options

- Multiple control and power options available; see options section for availability

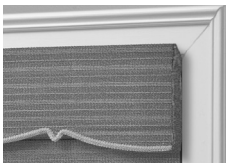
NOTE: Motorization components and accessories have a five-year limited warranty, excluding batteries.

Order Entry	
Motor Type	Order Entry
12V Zigbee Non-rechargeable	12V Sonesse 28 Zigbee Ext Battery
12V Zigbee Rechargeable	12V Sonesse 28 Zigbee Li-ion
12V Ultra Zigbee Rechargeable	12V Sonesse 30 Ultra Zigbee Li-ion
24V Non-rechargeable	24V Sonesse 30 Zigbee DC

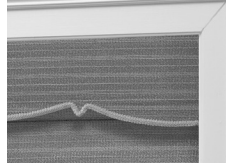
Style	Minimum Height	Sonesse 28 Zigbee Minimum Width (inches)	Sonesse 28 Zigbee Maximum Size		Sonesse 30 Zigbee Minimum Width (inches)	Sonesse 30 Zigbee Maximum Size	
			Shade (square inches)	With Liner (square inches)		Shade (square inches)	With Liner (square inches)
Inan, Lipo, Moniz, Revelry, Serenity, Toushan II	13"	20	2,755	2,333	31	3,821	3,235
Denver, Brooklyn, Stateside		20	4,493	3,466	31	6,240	4,800
Bellamy		20	5,194	3,878	31	7,219	5,376
Boardwalk, Merino, Sarto		20	6,058	4,330	31	8,410	6,010
Beachfront, Hadley, Kelton, Oxford, Paralian		20	6,854	4,723	31	9,513	6,547
Cameron, Rowen, Purcell, Saterra, Selene, Tatum, Terrestrial, Ventura, Zishan		20	9,149	5,712	31	11,520	7,920

Depth Requirements for Inside Mount

Headrail Dimensions (inches)	Minimum Depth Mount (inches)	Flush with Casing (inches)
$\frac{5}{8} \times 2\frac{1}{4}$	$\frac{3}{4}$	Standard valance $3\frac{3}{16}$



Partially recessed valance in window casing/ molding



Fully recessed valance in window casing/ molding

Features and Size Considerations

Soft Roman Shades Motorized Lift

Order Entry: See chart below



Refer to individual product information guide for specific option information for the product being ordered. See page 2 for benefits of using Motorization.

Features

- Low voltage motorization requires no costly electrical hard-wiring
- Fabric wrapped headrail for a beautifully finished look; returns are standard on outside mount
- Available as pleated styles: Looped, Classic Flat; Seamless or Relaxed
- Available with liner styles: Standard or Dimout
- Available finishing options: Inset banding, edge banding, decorative tape
- Rechargeable motors will be received at approximately 30% charge. Charging will be required before use
- Motor mounted to the underside of hardwood headrail on left or right side; standard on right
- Not available with balloon pleat, blackout liner, or multiple shades on one headrail

Control and Power Options

- Multiple control and power options available; see options section for availability

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

Size Considerations

Width		Height		
Minimum (inches)	Maximum (inches)	Minimum (inches)	Classic, Seamless, and Relaxed Shades Maximum (inches)	Looped Shades Maximum (inches)
24	96	18	120	103

Style	Sonesse 28 with ext battery Sonesse 28 Li-ion		Sonesse 30 Li-ion Sonesse 30 24V	
	Maximum Size		Maximum Size	
	Standard (square inches)	Dimout (square inches)	Standard (square inches)	Dimout (square inches)
Candor, Cloud Metal, Enchanting, Liana, Meredith, Piazza, Stanton	5,612	4,958	9,120	8,860
Absolute, Alea, Arcadia, Artesso, Aspirational, Beach Chalet, Bianca, Bisque, Bloomscape, Brandywine, Brooke, Callahan, Countryside, Diversions, Esperance, Gratitude, Grayson, Harmonious, Heleine, Hypnotic, Iconic, Kazlo, Manning, Newleaf, Pageantry, Palatial, Rainfall, Raleigh, Sea Paisley, Seafront, Spargel, Undertones, Valor, Whimsical	4,758	4,338	8,100	8,000
Affinity, Ainslie, Avid, Bountiful, Burnham, Casita, Chalkdust, Conceptual, Confidence, Downpour, Dreamscape, Florabar, Focus, Frond Mist, Gjusta, Hama, Ibiza, Imagination, Kelsey, Kings Garden, Kingsbury, Maisonet, Meadowlark, Mikado, Mysterious, Mystical, Painterly, Pastoral, Posy, Primavera, Reflection, Refuge, Richland, Rutherford, Sustained, Symbiotic, Textile, Tyrell, Uplifting, Venetian, Wonder, Woodblock	3,894	3,812	7,450	7,300
Assurance, Athens, Birch, Bursche, Carver, Checkerloom, Circumference, Cloverleaf, Cooperative, EarthWise, EnviroLiving, Environment, Garden, Meditations, Monorail, Skipping Rocks, Soliloquy, Steward, Thistlerock, Wexler	3,318	3,230	6,700	6,610

Order Entry	
Motor Type	Order Entry
12V Zigbee Non-rechargeable	12V Sonesse 28 Zigbee Ext Battery
12V Zigbee Rechargeable	12V Sonesse 28 Zigbee Li-ion
12V Ultra Zigbee Rechargeable	12V Sonesse 30 Ultra Zigbee Li-ion
24V Zigbee Non-rechargeable	24V Sonesse 30 Zigbee DC

Depth Requirements for Inside Mount

Headrail Dimensions (inches)	Minimum Depth Mount (inches)	Flush with Casing (inches)
2¼ D x ⅝ L	¾	2⅞

Features and Size Considerations

Layered Shades Motorized Lift

Order Entry: See chart below



Refer to individual product information guide for specific option information for the product being ordered. See page 2 for benefits of using Motorization.

Features

- Low voltage motorization requires no costly electrical hard-wiring
- Motor located on right or left side; standard on the right
- Static guard is necessary during dry conditions to prevent static build up
- Available as corner and bay window applications
- Not available with Wood Cornice and Valance
- Rechargeable motors will be received at approximately 30% charge. Charging will be required before use
- Fabric-wrapped cassette comes standard and creates a cohesive appearance in the window
- Not available with hold down brackets
- Down = down closed (shade lowered; stripes closed)
- My/Stop = down open (shade lowered; stripes open)

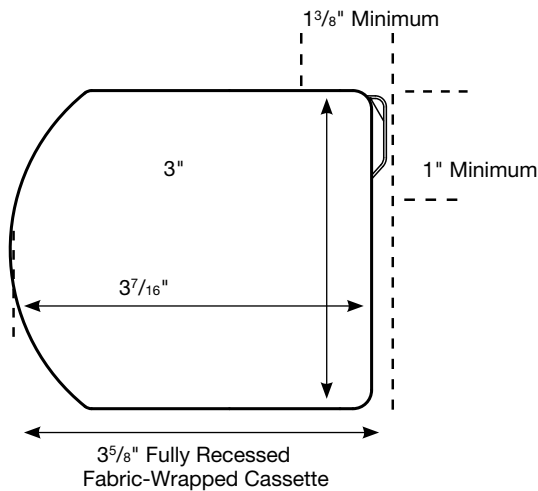
Control and Power Options

- Multiple control and power options available; see options section for availability

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

Light Gap			
Motor End		Idle End	
Inside Mount (inches)	Outside Mount (inches)	Inside Mount (inches)	Outside Mount (inches)
1 ¹ / ₁₆	1	3 ³ / ₄	1 ¹ / ₁₆

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



Minimum Mounting Depth	1 ³ / ₈ "
Minimum Mounting Depth, Flush Mount	3 ⁵ / ₈ "

Size Considerations		
Style Name	Maximum Width* (inches)	Maximum Height* (inches)
Atlantic Waves	100	75
Bernina	96	110
Coastal Collection	98	75
Coastal Ridge	98	60
Cordillera	85	75
Cottonwood	101	100
Crestones	97	84
Culebra	95	110
Glorieta	98	110
Glorieta Sheen	98	110
Heathered	95	77
Herard	97	77
Linen Dream	95	72
Oceanfront	99	60
Palmetto	97	100
Papyrus	98	60
Riptide	100	110
Seascape	98	77
Seaside Resort	99	110
Spascape	100	77
Vanoise	91	95

Minimum width: motorized lift 16".

Minimum height: 12"

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

Size Considerations			
Motor Type	Order Entry	Minimum Width (inches)	Minimum Height (inches)
12V Zigbee Non-rechargeable	12V Sonesse 28 Zigbee Ext Battery	16	13
12V Zigbee Rechargeable	12V Sonesse 28 Zigbee Li-ion	25 ¹ / ₂	
24V Zigbee Non-rechargeable	24V Sonesse 30 Zigbee DC	21	

Features and Size Considerations

Sheer Shades Motorized Lift

Order Entry: See chart below



Refer to individual base product information guide for specific option information for the product being ordered. See page 2 for benefits of using Motorization.

Features

- Low voltage motorization requires no costly electrical hard-wiring
- Motor located on right or left side; standard on the right
- Fabric-wrapped cassette comes standard and creates a cohesive appearance in the window
- Available as corner and bay window applications
- Rechargeable motors will be received at approximately 30% charge. Charging will be required before use
- Not available with Wood Cornice and Valance
- Not available with hold down brackets
- Down = down open (shade lowered; vanes open)
- My/Stop = down closed (shade lowered; vanes closed)

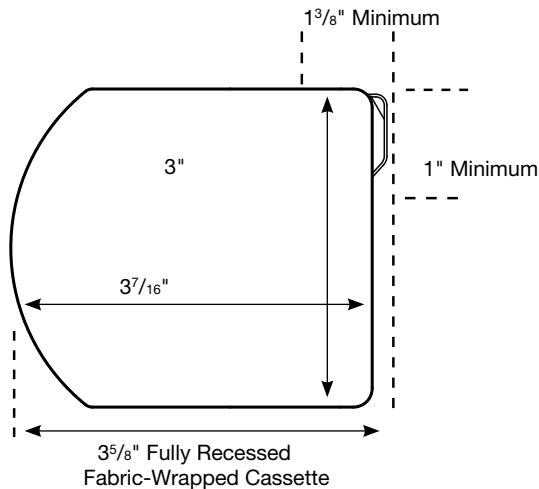
Control and Power Options

- Multiple control and power options available; see options section for availability

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

Light Gap			
Motor End		Idle End	
Inside Mount (inches)	Outside Mount (inches)	Inside Mount (inches)	Outside Mount (inches)
1	1 ⁵ / ₁₆	1 ¹ / ₁₆	5 ⁵ / ₈

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



Minimum Mounting Depth	1 ³ / ₈ "
Minimum Mounting Depth, Flush Mount	3 ⁵ / ₈ "

Size Considerations		
Style Name	Maximum Width* (inches)	Maximum Height* (inches)
Alpine 2"	79	110
Coastal Waves 2"	96	105
Deco Diamond 2"	96	105
Deco Diamond 3"	96	65
Evening Star 2"	71	85
Glessner 2"/Glessner 3"	96	105
Glessner Sheen 2"/Glessner Sheen 3"	98	110
Glessner Woven 2"/Glessner Woven 3"	96	110
Lustrous 1"	102	69
Lustrous 2"	96	105
Marisco 2"/Marisco 2 3/4"	94	99
Modern Grid 1" 5301	102	69
Modern Grid 1" 5302, 5303, 5304	98	87
Modern Grid 1" 5300	94	75
Roslin 1"	94	75
San Simeon 3"	96	65
Starlight 2"	96	105
Starlight 3"	96	65
Sun Reflections 2"	96	105
Surfside 2"	96	105
Surfside 3"	96	65
Winchester 1"	97	87
Winchester Sheen 1"	102	69
Winchester Woven 1"	97	87

Minimum width: motorized lift 16"

Minimum height: 12"

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

Size Considerations			
Motor Type	Order Entry	Minimum Width (inches)	Minimum Height (inches)
12V Zigbee Non-rechargeable	12V Sonesse 28 Zigbee Ext Battery	16	13
12V Zigbee Rechargeable	12V Sonesse 28 Zigbee Li-ion	25 1/2	
24V Zigbee Non-rechargeable	24V Sonesse 30 Zigbee DC	21	

Features and Size Considerations

Roller and Solar Shades Motorized Lift

Order Entry: See chart below



Refer to individual base product information guide for specific option information for the product being ordered. See page 2 for benefits of using Motorization.

Features

- Not available with hold down brackets
- Available with standard or reverse roll; Reverse roll not available with any valance.
- Available with valance styles: cassette, contour, fascia, flat wood valance and wood cornice
- Available with side channels with sealed hem bar only
- Motor located on the left or right side; standard on the right
- Rechargeable motors will be received at approximately 30% charge. Charging will be required before use
- Available as corner and bay window applications
- Available with Wood Cornice and Valance
- Available as Dual Shade (integrates two fabrics that can be independently raised and lowered as needed); each shade requires a power source. Dual shade not available with rechargeable motors;
- Available with finishing options: scallops, gimp trim, bead trim

Control and Power Options

- Multiple control and power options available; see options section for availability

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

Light Gap (inches)		
Valance Type	Motor Type	
	Sonesse 28 with External Battery & Sonesse 28 Li-ion	Sonesse 30 Ultra Li-ion & 24V Sonesse 30
Contour, Flat, Fascia, No Valance	$\frac{1}{16}$ to $\frac{13}{16}$	$\frac{1}{16}$ to $\frac{7}{8}$
All Cassette Sizes	$\frac{1}{16}$ to $\frac{15}{16}$	$\frac{1}{16}$ to 1
Dual No Cassette	$\frac{1}{16}$ to $\frac{13}{16}$	$\frac{1}{16}$ to $\frac{7}{8}$
Dual with Cassette	$\frac{1}{16}$ to 1	$\frac{1}{16}$ to 1

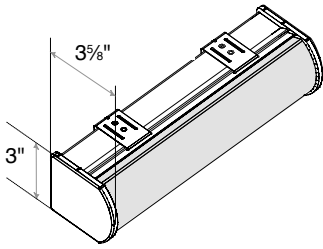
Size Considerations			
Motor Type	Order Entry	Minimum Width (inches)	Minimum Height (inches)
12V Zigbee Non-rechargeable	12V Sonesse 28 Zigbee Ext Battery	16	13
12V Zigbee Rechargeable	12V Sonesse 28 Zigbee Li-ion	24	
12V Ultra Zigbee Rechargeable	12V Sonesse 30 Ultra Zigbee Li-ion	28	
24V Zigbee Non-rechargeable	24V Sonesse 30 Zigbee DC	23	

NOTE: See size charts on following pages.

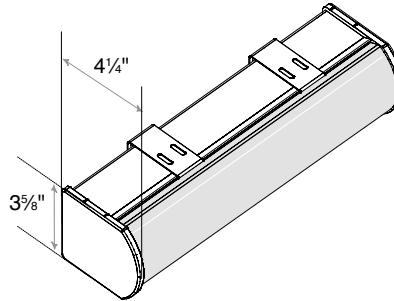
Motorized Wand Size Considerations

Motorized Lift: Mounting Depth Illustrations

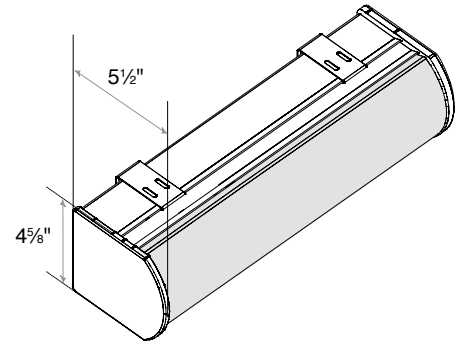
The following diagrams illustrate the mounting depth requirements for shades mounted inside window casements.



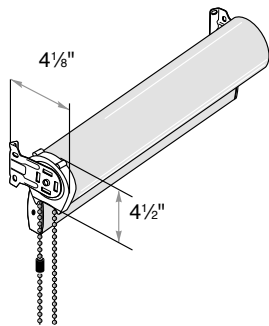
Small Cassette Valance
1 3/8" Minimum Inside Mount



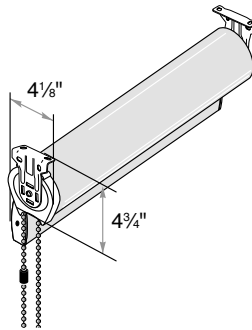
Medium Cassette Valance
1 3/4" Minimum Inside Mount



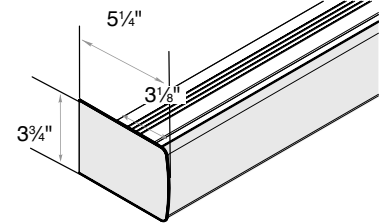
Large/Dual Cassette Valance
1 3/4" Minimum Inside Mount



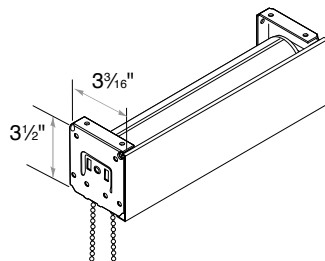
No Valance*
3/4" Minimum Inside/Side Mount



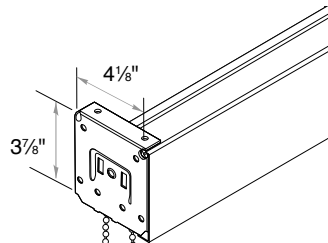
No Valance*
4 1/8" Minimum Inside/Top Mount



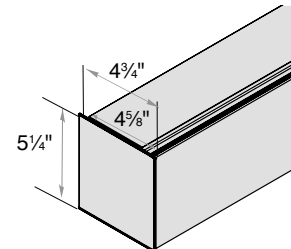
Contour Valance
2 7/16" Minimum Inside Mount
(return can be trimmed)



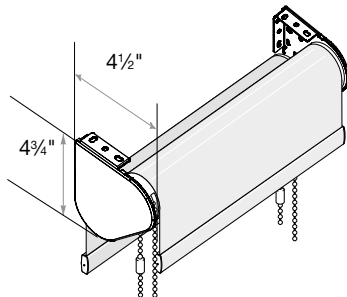
3" Fascia
2 3/4" Minimum Inside/Top Mount
3/4" Minimum Inside/Side Mount



4" Fascia
3 3/4" Minimum Inside/Top Mount
1 1/2" Minimum Inside/Side Mount



Flat Valance
2 15/16" Minimum Inside Mount
(return can be trimmed)



Dual Shade—No Cassette Valance
2" Minimum Inside/Top Mount
3/4" Minimum Inside/Side Mount

12V Sonesse 28 Zigbee
Non-rechargeable Motor
Minimum Width: 16"
Minimum Height: 13"

12V Sonesse 28 Zigbee
Rechargeable Motor
Minimum Width: 25½"
Minimum Height: 13"

Features and Size Considerations

Roller and Solar Shades: Maximum Shade Size

Valance Type	Normal Fabric Orientation										Fabric Turned Width for Height (railroaded)									
	Small Cassette		Medium Cassette		Large Cassette/ Contour Valance/ No Cassette/ No Valance		3" Fascia		4" Fascia		Small Cassette		Medium Cassette		Large Cassette/ Contour Valance/ No Cassette/ No Valance		3" Fascia		4" Fascia	
Fabric	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)
Arboretum BO	88	91	82	131	82	131	82	131	82	131	89	82	89	82	89	82	89	82	89	82
Arboretum LF	92	119	92	119	92	119	92	119	92	119	97	81	97	81	97	81	97	81	97	81
Bradley	87	69	82	96	82	96	82	96	82	96	Not available									
Bravado BO	90	76	82	125	82	125	87	92	82	92	Not available									
Bravado LF	96	92	96	92	96	92	96	92	96	92	Not available									
Broadcast	86	65	80	94	80	94	80	94	80	94	86	65	80	94	80	94	80	94	80	94
Buxton	84	73	81	90	81	90	81	90	81	90	Not available									
Cambridge LF (Academy; Hawaiian Blue; Mirage; Vernal Pond)	96	104	96	104	96	104	96	104	96	104	Not available									
Cambridge LF (Ivory)	76	144	76	144	76	144	76	144	76	144	96	104	96	104	96	104	96	104	96	104
Cambridge LF (White; Off White; Inkwell; Clay; Misty)	92	140	92	140	92	140	92	140	92	140	Not available									
Cambridge RD (Academy; Hawaiian Blue; Mirage; Vernal Pond)	88	96	82	139	82	139	82	139	82	139	88	96	88	96	88	96	88	96	88	96
Cambridge RD (Ivory)	76	114	76	144	76	144	76	144	76	144	93	66	93	66	93	66	93	66	93	66
Cambridge RD (White; Off White; Inkwell; Clay; Misty)	88	96	82	139	82	139	82	139	82	139	90	82	90	82	90	82	90	82	90	82
Capri	70	107	70	144	70	144	70	127	70	144	Not available									
Chakra	92	144	92	144	92	144	92	144	92	144	Not available									
Chronicles	85	93	82	111	82	111	82	111	82	111	Not available									
Complex	87	70	82	95	82	95	82	95	82	95	Not available									
Conservancy LF	74	91	74	97	74	97	74	97	74	97	Not available									
Conservancy BO	70	65	70	65	70	65	70	65	70	65	Not available									
Consummate Silk	79	96	79	144	79	144	79	138	79	144	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.

12V Sonesse 28 Zigbee
Non-rechargeable Motor
Minimum Width: 16"
Minimum Height: 13"

12V Sonesse 28 Zigbee
Rechargeable Motor
Minimum Width: 25½"
Minimum Height: 13"

Features and Size Considerations

Roller and Solar Shades: Maximum Shade Size																					
Valance Type		Normal Fabric Orientation										Fabric Turned Width for Height (railroaded)									
		Small Cassette		Medium Cassette		Large Cassette/ Contour Valance/ No Cassette/ No Valance		3" Fascia		4" Fascia		Small Cassette		Medium Cassette		Large Cassette/ Contour Valance/ No Cassette/ No Valance at Maximum Width		3" Fascia		4" Fascia	
Fabric	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	
Debonair	95	87	95	87	95	87	95	87	95	87	95	87	95	87	95	87					
Delphine BO	88	82	82	123	82	123	82	120	82	123	82	120	82	123	82	120					
Delphine LF	96	102	96	102	96	102	96	102	96	102	96	102	96	102	96	102					
Destin BO	87	82	82	112	82	112	82	112	82	112	82	112	82	112	82	112					
Diplomat	96	90	96	90	96	90	96	90	96	90	96	90	96	90	96	90					
Dorian	92	118	92	144	92	144	92	144	92	144	92	144	92	144	92	144					
Earth Synergy	88	91	82	131	82	131	82	131	82	131	82	131	82	131	82	131					
EcoEncore	97	101	97	101	97	101	97	101	97	101	97	101	97	101	97	101					
Ellington 1"	75	81	75	81	75	81	75	81	75	81	75	81	75	81	75	81	75	81	75	81	
Ellington 3"	77	84	76	90	76	90	76	90	76	90	76	90	76	90	76	90	76	90	76	90	
Ellington 5"	71	64	71	64	71	64	71	64	71	64	71	64	71	64	71	64					
Emerson	74	84	82	117	82	117	86	92	82	117	86	92	82	117	86	92					
Empirical	96	98	96	98	96	98	96	98	96	98	96	98	96	98	96	98					
Emporium (Bookplate White)	94	82	94	82	94	82	94	82	94	82	94	82	94	82	94	82					
Emporium (Sepia Snapshot)	89	94	82	144	82	144	82	141	82	144	82	141	82	144	82	144					
Emporium (Silver Dollar; Vintage Letterpress; Sheet Music; Stepping Stone)	90	97	90	97	90	97	90	97	90	97	90	97	90	97	90	97					
Enviro- INFUSION	96	105	96	105	96	105	96	105	96	105	96	105	96	105	96	105					
Essential	70	144	70	144	70	144	70	144	70	144	70	144	70	144	70	144	82	110	82	110	
Exposition	75	67	82	104	82	104	86	80	82	104	86	80	82	104	82	104					
Florian	92	135	92	137	92	137	92	137	92	137	92	137	92	137	92	137					
Freesia	102	118	102	119	102	119	102	119	102	119	102	119	102	119	102	119					
Gallery	92	140	92	140	92	140	92	140	92	140	92	140	92	140	92	140					
Gleam	79	90	79	90	79	90	79	90	79	90	79	90	79	90	79	90					
Grasses	72	84	72	128	72	144	72	115	72	144	72	115	72	144	72	144					

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.

12V Sonesse 28 Zigbee
Non-rechargeable Motor
Minimum Width: 16"
Minimum Height: 13"

12V Sonesse 28 Zigbee
Rechargeable Motor
Minimum Width: 25½"
Minimum Height: 13"

Features and Size Considerations

Roller and Solar Shades: Maximum Shade Size

Valance Type	Normal Fabric Orientation										Fabric Turned Width for Height (railroaded)									
	Small Cassette		Medium Cassette		Large Cassette/ Contour Valance/ No Cassette/ No Valance		3" Fascia		4" Fascia		Small Cassette		Medium Cassette		Large Cassette/ Contour Valance/ No Cassette/ No Valance		3" Fascia		4" Fascia	
Fabric	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)
Guildhall	84	80	82	92	82	92	82	92	82	92										
Halifax	92	103	92	103	92	103	92	103	92	103										
Harmonics	92	94	92	94	92	94	92	94	92	94										
Harmony	92	124	92	124	92	124	92	124	92	124										
Jacinta	97	99	97	99	97	99	97	99	97	99										
Kindred	97	101	97	101	97	101	97	101	97	101										
Levity	100	88	97	118	97	118	97	118	97	118										
Linnea	96	144	96	144	96	144	96	144	96	144										
LiveWell	85	76	82	94	82	94	82	94	82	94	85	76	84	83	84	83	84	83	84	83
Manifest BO	82	140	82	144	82	144	82	144	82	144										
Manifest LF	92	144	92	144	92	144	92	144	92	144										
Marina	96	86	95	96	95	96	95	96	95	96										
Mayfair	99	117	99	117	99	117	99	117	99	117										
Merit	75	93	75	93	75	93	75	93	75	93										
Momentum	87	78	82	107	82	107	82	107	82	107										
Monaco	76	144	76	144	76	144	76	144	76	144										
Monticello	74	69	82	96	82	96	84	84	82	84	101	66	101	66	101	66	101	66	101	66
Nantucket	77	64	85	92	82	111	88	76	82	76	74	69	84	85	84	85	84	84	84	85
Nebula	79	59	74	84	74	84	74	84	74	84										
Northshore	95	78	95	78	95	78	95	78	95	78										
Olbrecht	77	80	75	93	75	93	75	93	75	93										
Paragon	76	89	76	89	76	89	76	89	76	89										
PlanetSafe	92	124	92	144	92	144	92	144	92	144										
Plexus 1% (Black Granite; Chalcodony; Nutley Pier; Travertine; Landmark; Niche; Penumbra; Provisions; Renewal; Stately)	97	97	97	97	97	97	97	97	97	97	84	61	77	92	77	92	78	87	77	92

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.

12V Sonesse 28 Zigbee
Non-rechargeable Motor
Minimum Width: 16"
Minimum Height: 13"

12V Sonesse 28 Zigbee
Rechargeable Motor
Minimum Width: 25½"
Minimum Height: 13"

Features and Size Considerations

Roller and Solar Shades: Maximum Shade Size																						
Valance Type	Normal Fabric Orientation										Fabric Turned Width for Height (railroaded)											
	Small Cassette		Medium Cassette		Large Cassette/ Contour Valance/ No Cassette/ No Valance		3" Fascia		4" Fascia		Small Cassette		Medium Cassette		Large Cassette/ Contour Valance/ No Cassette/ No Valance		Large Cassette/ Contour Valance/ No Cassette/ No Valance at Maximum Width		3" Fascia		4" Fascia	
Fabric	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)
Plexus 1% (Soapstone; Sublime Gray; Tranquility)	84	63	78	90	78	90	78	90	78	90	84	63	78	90	78	90	78	90	78	90	78	90
Plexus 3% (Black Granite; Chalcedony; Nutmeg Pier; Travertine; Landmark; Niche; Penumbra; Provisions; Renewal; Stately)	84	61	78	91	78	91	78	89	78	91	84	61	78	91	78	91	78	91	78	89	78	91
Plexus 3% (Soapstone; Sublime Gray; Tranquility)	85	63	79	90	79	90	79	90	79	90	85	63	79	90	79	90	79	90	79	90	79	90
Plexus 5% (Black Granite; Chalcedony; Nutmeg Pier; Travertine; Landmark; Niche; Penumbra; Provisions; Renewal; Stately)	84	67	79	90	79	90	79	90	79	90	84	67	79	90	79	90	79	90	79	90	79	90
Plexus 5% (Soapstone; Sublime Gray; Tranquility)	85	66	80	91	80	91	80	91	80	91	85	66	80	91	80	91	80	91	80	91	80	91
Porter	82	52	75	91	75	91	77	77	75	91	Not available											
Providence BO	71	57	65	94	65	94	65	94	65	94	Not available											
Providence LF	74	90	74	90	74	90	74	90	74	90	Not available											
Quintessence	79	78	77	93	77	93	77	93	77	93	Not available											
Reaction	85	92	82	111	82	111	82	111	82	111	Not available											
Regent	97	107	97	107	97	107	97	107	97	107	Not available											
Renaissance	92	140	92	140	92	140	92	140	92	140	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.

12V Sonesse 28 Zigbee
Non-rechargeable Motor
Minimum Width: 16"
Minimum Height: 13"

12V Sonesse 28 Zigbee
Rechargeable Motor
Minimum Width: 25½"
Minimum Height: 13"

Features and Size Considerations

Roller and Solar Shades: Maximum Shade Size																				
Valance Type	Normal Fabric Orientation								Fabric Turned Width for Height (railroaded)											
	Small Cassette		Medium Cassette		Large Cassette/ Contour Valance/ No Cassette/ No Valance		3" Fascia		4" Fascia		Small Cassette		Medium Cassette		Large Cassette/ Contour Valance/ No Cassette/ No Valance at Maximum Width		3" Fascia		4" Fascia	
	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)
Fabric																				
Riverbend	72	78	72	119	72	144	72	106	72	144	Not available									
Sabine	84	92	82	103	82	103	82	103	82	103	Not available									
SafeSync	77	66	74	82	74	82	74	82	74	82										
Sakura	67	58	74	85	73	90	77	69	73	90										
Salutation	96	98	96	98	96	98	96	98	96	98										
Sanguine	73	63	78	96	78	106	78	74	78	106										
Santorini	76	124	76	144	76	144	76	144	76	144										
Shadow	84	97	82	109	82	109	82	109	82	109										
Sheffield	96	94	96	94	96	94	96	94	96	94										
Shiloh	96	99	96	99	96	99	96	99	96	99										
Solana BO	77	71	74	92	74	92	74	92	74	92										
Standard Weave 1% (Calcite, Polished)	84	88	82	99	82	99	82	99	82	99										
Standard Weave 1% (Daikon; Infallible; Once)	82	98	82	102	82	102	82	102	82	102	84	88	82	99	82	99	82	102	82	99
Standard Weave 1% (Veranda; Café Doppio; Chiseled)	82	94	82	94	82	94	82	94	82	94	82	94	82	94	82	94	82	94	82	94
Standard Weave 10% (Chiseled; Daikon; Café Doppio; Infallible; Once; Veranda)	86	90	82	114	82	114	82	114	82	114										
Standard Weave 10% (Polished; Calcite)	87	92	82	124	82	124	82	124	82	124	87	92	82	124	82	124	82	124	82	124

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.

12V Sonesse 28 Zigbee
Non-rechargeable Motor
Minimum Width: 16"
Minimum Height: 13"

12V Sonesse 28 Zigbee
Rechargeable Motor
Minimum Width: 25½"
Minimum Height: 13"

Features and Size Considerations

Roller and Solar Shades: Maximum Shade Size																				
Valance Type	Normal Fabric Orientation						Fabric Turned Width for Height (railroaded)													
	Small Cassette		Medium Cassette		Large Cassette/ Contour Valance/ No Cassette/ No Valance		3" Fascia		4" Fascia		Small Cassette		Medium Cassette		Large Cassette/ Contour Valance/ No Cassette/ No Valance		3" Fascia		4" Fascia	
	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)
Standard Weave 3% (Daikon; Infallible; Once)	83	93	82	100	82	100	82	100	82	100	82	100	82	100	82	100	82	100	82	100
Standard Weave 3% (Polished; Calcite)	84	95	82	107	82	107	82	107	82	107	82	107	82	107	82	107	82	107	82	107
Standard Weave 3% (Veranda; Café Doppio; Chiseled)	82	96	82	98	82	98	82	98	82	98	82	98	82	98	82	98	82	98	82	98
Standard Weave 5% (Calcite; Polished)	85	95	82	114	82	114	82	114	82	114	82	114	82	114	82	114	82	114	82	114
Standard Weave 5% (Infallible; Once; Daikon)	85	92	82	110	82	110	82	110	82	110	82	110	82	110	82	110	82	110	82	110
Standard Weave 5% (Veranda; Café Doppio; Chiseled)	82	101	82	107	82	107	82	107	82	107	82	107	82	107	82	107	82	107	82	107
Suburban II	72	144	72	144	72	144	72	144	72	144	100	62	100	62	100	62	100	62	100	62
Synthesis	74	67	82	96	82	96	82	96	85	79	82	96	Not available							
Tableaux	74	55	81	82	79	92	84	65	79	92	Not available									
Thesis	70	93	70	142	70	144	70	126	70	144	Not available									
Tuvalu	96	104	96	104	96	104	96	104	96	104	Not available									
Unison	95	78	95	78	95	78	95	78	95	78	Not available									
Vancouver	95	91	95	91	95	91	95	91	95	91	Not available									
Vanguard 1% (Authentic; Chrome; Pendulum; Gentle Beige)	84	88	82	99	82	99	82	99	82	99	84	88	82	99	82	99	82	99	82	99

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.

12V Sonesse 28 Zigbee
Non-rechargeable Motor
Minimum Width: 16"
Minimum Height: 13"

12V Sonesse 28 Zigbee
Rechargeable Motor
Minimum Width: 25½"
Minimum Height: 13"

Features and Size Considerations

Roller and Solar Shades: Maximum Shade Size

Valance Type		Normal Fabric Orientation										Fabric Turned Width for Height (railroaded)																	
		Small Cassette				Medium Cassette		Large Cassette/ Contour Valance/ No Cassette/ No Valance				3" Fascia		4" Fascia		Small Cassette				Medium Cassette		Large Cassette/ Contour Valance/ No Cassette/ No Valance at Maximum Width				3" Fascia		4" Fascia	
		Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)
Vanguard 1% (Cortina; Obsidian)	82	98	82	102	82	102	82	102	82	102	82	102	82	102	82	102	82	102	82	102	82	102	82	102	82	102	82	102	
Vanguard 1% (Elusive; Macedonia; Dew; Homage; Peloton)	82	94	82	94	82	94	82	94	82	94	82	94	82	94	82	94	82	94	82	94	82	94	82	94	82	94	82	94	
Vanguard 3% (Authentic; Gentle Beige; Chrome; Pendulum)	84	95	82	107	82	107	82	107	82	107	82	107	84	95	82	107	82	107	82	107	82	107	82	107	82	107	82	107	
Vanguard 3% (Elusive; Macedonia; Dew; Homage; Peloton)	82	96	82	98	82	98	82	98	82	98	82	98	82	96	82	98	82	98	82	98	82	98	82	98	82	98	82	98	
Vanguard 3% (Obsidian; Cortina)	83	93	82	100	82	100	82	100	82	100	82	100	83	93	82	100	82	100	82	100	82	100	82	100	82	100	82	100	
Vanguard 5% (Cortina; Obsidian)	85	92	82	110	82	110	82	110	82	110	82	110	85	92	82	110	82	110	82	110	82	110	82	110	82	110	82	110	
Vanguard 5% (Elusive; Macedonia; Dew; Homage; Peloton)	82	101	82	107	82	107	82	107	82	107	82	107	82	101	82	107	82	107	82	107	82	107	82	107	82	107	82	107	
Vanguard 5% (Gentle Beige; Pendulum; Authentic; Chrome)	85	95	82	114	82	114	82	114	82	114	82	114	85	95	82	114	82	114	82	114	82	114	82	114	82	114	82	114	
Verve	96	80	95	89	95	89	95	89	95	89	95	89	95	80	95	89	95	89	95	89	95	89	95	89	95	89	95	89	
Vivaldi	79	96	79	144	79	144	79	144	79	144	79	144	79	96	79	144	79	144	79	144	79	144	79	144	79	144	79	144	
										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.

12V Sonesse 28 Zigbee
Non-rechargeable Motor
Minimum Width: 16"
Minimum Height: 13"

12V Sonesse 28 Zigbee
Rechargeable Motor
Minimum Width: 25½"
Minimum Height: 13"

Features and Size Considerations

Roller and Solar Shades: Maximum Shade Size														
Valance Type		Normal Fabric Orientation						Fabric Turned Width for Height (railroaded)						
		Small Cassette		Medium Cassette		Large Cassette/Contour Valance/No Cassette/No Valance		Small Cassette		Medium Cassette		Large Cassette/Contour Valance/No Cassette/No Valance at Maximum Width		
Fabric	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)
Wayfarer	92	144	92	144	92	144	92	144	92	144	Not available			
Whitcomb	95	87	95	87	95	87	95	87	95	87	Not available			
Whitehall	88	102	82	144	82	144	82	144	82	144	91	82	91	82
Whittaker BO	89	71	82	115	82	115	85	96	82	115	Not available			
Zen	82	84	92	118	92	118	92	100	92	118	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.

Features and Size Considerations

24V Sonesse 30 DC
Non-rechargeable
Minimum Width: 20"
Minimum Height: 13"

12V Sonesse 30 Ultra
Rechargeable
Minimum Width: 31"
Minimum Height: 13"

Roller and Solar Shades: Sonesse 30 Motor Maximum Shade Size																					
Valance Type		Normal Fabric Orientation										Fabric Turned Width for Height (railroaded)									
		Small Cassette		Medium Cassette		Large Cassette/ Contour Valance/ No Cassette/ No Valance		3" Fascia		4" Fascia		Small Cassette		Medium Cassette		Large Cassette/ Contour Valance/ No Cassette/ No Valance at Maximum Width		3" Fascia		4" Fascia	
Fabric	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	
Arboretum BO	88	91	92	124	92	144	82	131	92	144	89	82	121	79	121	79	121	79	121	79	
Arboretum LF	92	119	92	144	92	144	92	125	92	144	97	81	129	79	129	79	129	79	129	79	
Bradley	87	69	96	89	96	144	82	96	96	144	Not available										
Bravado BO	90	76	109	97	109	141	87	92	109	141	Not available										
Bravado LF	96	92	109	119	109	144	109	81	109	144	Not available										
Broadcast	86	65	111	83	107	104	80	94	107	104	86	65	111	83	107	104	80	94	107	104	
Buxton	84	73	96	94	96	144	81	90	96	144	Not available										
Cambridge LF (Academy; Hawaiian Blue; Mirage; Vernal Pond)	96	104	119	144	119	144	119	132	119	144	96	104	127	107	127	107	127	107	127	107	
Cambridge LF (Ivory)	76	144	76	144	76	144	76	132	76	144	101	66	101	66	134	63	101	66	101	66	
Cambridge LF (White; Off White; Inkwell; Clay; Misty)	92	140	92	144	92	144	92	132	92	144	98	82	131	79	131	79	131	79	131	79	
Cambridge RD (Academy; Hawaiian Blue; Mirage; Vernal Pond)	88	96	115	118	115	118	117	100	115	118	88	96	117	105	117	105	118	100	117	105	
Cambridge RD (Ivory)	76	114	76	144	76	144	76	144	76	144	93	66	126	63	126	63	126	63	126	63	
Cambridge RD (White; Off White; Inkwell; Clay; Misty)	88	96	92	144	92	144	92	100	92	144	90	82	122	79	122	79	122	79	122	79	
Carpi	70	88	70	144	70	144	70	127	70	144	Not available										
Chakra	92	144	92	144	92	144	92	144	92	144	Not available										
Chronicles	85	93	96	118	96	144	96	81	96	144	Not available										
Complex	87	70	96	90	96	144	82	95	96	144	Not available										
Conservancy-LF	74	91	97	113	97	113	100	80	97	113	Not available										
Conservancy-BO	70	65	89	90	82	144	95	61	82	144	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.

Features and Size Considerations

24V Sonesse 30 DC
Non-rechargeable
Minimum Width: 20"
Minimum Height: 13"

12V Sonesse 30 Ultra
Rechargeable
Minimum Width: 31"
Minimum Height: 13"

Roller and Solar Shades: Sonesse 30 Motor Maximum Shade Size																						
Valance Type		Normal Fabric Orientation										Fabric Turned Width for Height (railroaded)										
		Small Cassette		Medium Cassette		Large Cassette/ Contour Valance/ No Cassette/ No Valance		3" Fascia		4" Fascia		Small Cassette		Medium Cassette		Large Cassette/ Contour Valance/ No Cassette/ No Valance		3" Fascia		4" Fascia		
Fabric	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)
Consummate Silk	79	96	79	122	79	144	79	138	79	144												
Debonair	95	87	106	135	106	144	106	93	106	144												
Delphine BO	88	82	109	105	109	139	109	72	109	139												
Delphine LF	96	102	108	144	108	144	108	104	108	144												
Destin BO	87	82	113	104	111	115	113	72	111	115												
Diplomat	96	90	102	144	102	144	102	125	102	144												
Dorian	92	118	92	144	92	144	92	144	92	144												
Earth Synergy	88	91	114	116	114	116	116	93	114	116												
EcoEncore	97	101	100	144	100	144	100	144	100	144												
Ellington 1%	75	81	98	100	98	100	104	71	98	100												
Ellington 3%	77	84	100	106	100	106	106	75	100	106												
Ellington 5%	71	64	90	94	90	94	93	76	90	94												
Emerson	90	68	117	88	112	115	86	92	112	115												
Empirical	96	98	96	144	96	144	96	144	96	144												
Emporium (Bookplate White)	94	82	96	144	96	144	96	106	96	144												
Emporium (Sepia Snapshot)	89	94	96	125	96	144	96	86	96	144												
Emporium (Silver Dollar, Vintage Letterpress, Sheet Music, Stepping Stone)	90	97	96	125	96	144	96	86	96	144												
Enviro-INFUSION	96	105	115	144	115	144	115	127	115	144												
Essential	70	144	70	144	70	144	70	144	70	144												
Exposition	92	54	82	104	96	144	86	80	96	144												
Florian	92	135	92	144	92	144	92	120	92	144												
Freesia	102	118	112	144	112	144	112	104	112	144												
Gallery	92	140	92	144	92	144	92	139	92	144												

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

Features and Size Considerations

24V Sonesse 30 DC
Non-rechargeable
Minimum Width: 20"
Minimum Height: 13"

12V Sonesse 30 Ultra
Rechargeable
Minimum Width: 31"
Minimum Height: 13"

Roller and Solar Shades: Sonesse 30 Motor Maximum Shade Size

Valance Type	Normal Fabric Orientation										Fabric Turned Width for Height (railroaded)									
	Small Cassette		Medium Cassette		Large Cassette/ Contour Valance/ No Cassette/ No Valance		3" Fascia		4" Fascia		Small Cassette		Medium Cassette		Large Cassette/ Contour Valance/ No Cassette/ No Valance		3" Fascia		4" Fascia	
Fabric	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)
Gleam	79	90	92	136	92	144	92	94	92	144										
Grasses	72	68	72	128	72	144	72	99	72	144										
Gulldhall	84	80	96	102	96	144	82	92	96	144										
Halifax	92	103	96	144	96	144	96	144	96	144										
Harmonics	92	94	115	143	115	144	115	98	115	144										
Harmony	92	124	92	144	92	144	92	117	92	144										
Jacinta	97	99	112	144	112	144	112	125	112	144										
Kindred	97	101	112	144	112	144	112	110	112	144										
Levity	100	88	112	112	112	144	97	118	112	144										
Linnea	96	144	96	144	96	144	96	144	96	144										
LiveWell	85	76	95	98	95	144	82	94	95	144										
Manifest BO	82	140	92	144	92	144	92	124	92	144										
Manifest LF	92	144	92	144	92	144	92	144	92	144										
Marina	96	86	108	110	108	144	95	96	108	144										
Mayfair	99	117	107	144	107	144	107	136	107	144										
Merit	75	93	96	118	96	128	96	81	96	128										
Momentum	87	78	94	99	94	144	82	107	94	144										
Monaco	76	144	76	144	76	144	76	144	76	144										
Monticello	90	57	82	96	96	144	84	84	96	144										
Nantucket	93	51	85	92	96	144	88	76	96	144										
Nebula	79	59	96	75	96	107	74	84	96	107										
Northshore	95	78	115	117	115	144	115	80	115	144										
Olbrecht	77	80	96	102	96	128	96	69	96	128										
Paragon	76	89	100	105	100	105	105	79	100	105										
PlanetSafe	92	124	92	144	92	144	92	144	92	144										

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

Features and Size Considerations

24V Sonesse 30 DC
Non-rechargeable
Minimum Width: 20"
Minimum Height: 13"

12V Sonesse 30 Ultra
Rechargeable
Minimum Width: 31"
Minimum Height: 13"

Roller and Solar Shades: Sonesse 30 Motor Maximum Shade Size																						
Valance Type	Normal Fabric Orientation								Fabric Turned Width for Height (railroaded)													
	Small Cassette		Medium Cassette		Large Cassette/ Contour Valance/ No Cassette/ No Valance		3" Fascia		4" Fascia		Small Cassette		Medium Cassette		Large Cassette/ Contour Valance/ No Cassette/ No Valance		Large Cassette/ Contour Valance/ No Cassette/ No Valance at Maximum Width		3" Fascia		4" Fascia	
	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)
Fabric																						
Plexus 1% (Black Granite; Chalcedony; Nutley Pier; Travertine; Landmark; Niche; Penumbra; Provisions; Renewal; Stately)	97	97	103	144	103	144	103	144	103	144	84	61	109	78	103	103	103	103	78	87	103	103
Plexus 1% (Soapstone; Sublime Gray; Tranquility)	84	63	109	81	106	93	78	90	106	93	84	63	109	81	106	93	106	93	78	90	106	93
Plexus 3% (Renewal; Provisions; Chalcedony; Stately; Landmark; Travertine; Penumbra; Nutley Pier; Black Granite; Niche)	84	61	110	78	106	94	78	89	106	94	84	61	110	78	106	94	106	94	78	89	106	94
Plexus 3% (Soapstone; Tranquility; Sublime Gray)	85	63	110	81	107	94	79	90	107	94	85	63	110	81	107	94	107	94	79	90	107	94
Plexus 5% (Black Granite; Chalcedony; Nutley Pier; Travertine; Landmark; Niche; Penumbra; Provisions; Renewal; Stately)	84	67	109	85	107	94	79	90	107	94	84	67	109	85	107	94	107	94	79	90	107	94

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

Features and Size Considerations

24V Sonesse 30 DC
Non-rechargeable
Minimum Width: 20"
Minimum Height: 13"

12V Sonesse 30 Ultra
Rechargeable
Minimum Width: 31"
Minimum Height: 13"

Roller and Solar Shades: Sonesse 30 Motor Maximum Shade Size

		Normal Fabric Orientation										Fabric Turned Width for Height (railroaded)									
		Small Cassette		Medium Cassette		Large Cassette/ Contour Valance/ No Cassette/ No Valance		3" Fascia		4" Fascia		Small Cassette		Medium Cassette		Large Cassette/ Contour Valance/ No Cassette/ No Valance at Maximum Width		3" Fascia		4" Fascia	
Valance Type		Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)
Fabric																					
Plexus 5% (Soapstone; Sublime Gray; Tranquility)		85	66	110	84	107	101	80	91	107	101	85	66	110	84	107	101	80	91	107	101
Porter		82	52	96	66	96	124	77	77	96	124	Not available									
Providence BO		71	57	89	87	82	138	95	58	82	138	Not available									
Providence LF		74	90	97	105	97	105	99	81	97	105	Not available									
Quintessence		79	78	102	100	100	117	109	68	100	117	Not available									
Reaction		85	92	96	123	96	144	96	84	96	144	Not available									
Regent		97	107	115	144	115	144	115	104	115	144	Not available									
Renaissance		92	140	92	144	92	144	92	139	92	144	Not available									
Riverbend		72	63	72	119	72	144	72	93	72	144	Not available									
Sabine		84	92	96	117	96	144	96	80	96	144	Not available									
SafeSync		77	66	96	84	96	106	74	82	96	106	Not available									
Sakura		82	46	74	85	97	103	77	69	97	103	Not available									
Salutation		96	98	96	129	96	144	96	98	96	144	Not available									
Sanguine		78	50	78	96	78	144	78	74	78	142	Not available									
Santorini		76	124	76	144	76	144	76	144	76	144	Not available									
Shadow		84	97	111	113	111	113	116	85	111	113	Not available									
Sheffield		96	94	108	133	108	144	108	91	108	144	Not available									
Shiloh		96	99	115	144	115	144	115	111	115	144	Not available									
Solana BO		77	71	100	90	99	100	74	92	99	100	Not available									
Standard Weave 1% (Calcite; Polished)		84	88	111	102	111	102	116	78	111	102	84	88	111	102	111	102	116	78	111	102
Standard Weave 1% (Daikon; Infalible; Once)		82	98	109	116	109	116	115	86	109	116	82	98	109	116	109	116	115	86	109	116
Standard Weave 1% (Veranda; Café Doppio; Chiseled)		82	94	110	102	110	102	114	83	110	102	82	94	110	102	110	102	114	83	110	102

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

Features and Size Considerations

24V Sonesse 30 DC
Non-rechargeable
Minimum Width: 20"
Minimum Height: 13"

12V Sonesse 30 Ultra
Rechargeable
Minimum Width: 31"
Minimum Height: 13"

Roller and Solar Shades: Sonesse 30 Motor Maximum Shade Size																				
Valance Type		Normal Fabric Orientation								Fabric Turned Width for Height (railroaded)										
		Small Cassette		Medium Cassette		Large Cassette/ Contour Valance/ No Cassette/ No Valance		3" Fascia		4" Fascia		Small Cassette		Medium Cassette		Large Cassette/ Contour Valance/ No Cassette/ No Valance		3" Fascia		4" Fascia
Fabric	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)
Standard Weave 10% (Chiseled; Daikon; Café Doppio; Infallible; Once; Veranda)	86	90	111	118	111	118	116	116	111	118	111	118	86	90	111	118	111	118	116	118
Standard Weave 10% (Polished; Calcite)	87	92	113	116	113	116	116	93	113	116	116	118	87	92	113	116	113	116	117	116
Standard Weave 3% (Daikon; Infallible; Once)	83	93	111	103	111	103	115	81	111	103	111	103	83	93	111	103	111	103	115	103
Standard Weave 3% (Polished; Calcite)	84	95	110	115	110	115	116	84	110	115	116	115	84	95	110	115	110	115	116	115
Standard Weave 3% (Veranda; Café Doppio; Chiseled)	82	96	110	106	110	106	114	84	110	106	114	106	82	96	110	106	110	106	114	106
Standard Weave 5% (Calcite; Polished)	85	95	111	117	111	117	117	84	111	117	117	117	85	95	111	117	111	117	117	117
Standard Weave 5% (Infallible; Once; Daikon)	85	92	111	114	111	114	116	88	111	114	116	114	85	92	111	114	111	114	116	114
Standard Weave 5% (Veranda; Café Doppio; Chiseled)	82	101	110	115	110	115	115	88	110	115	115	115	82	101	110	115	110	115	115	115
Suburban II	72	144	72	144	72	144	72	131	72	144	72	144	100	62	100	62	133	59	100	62
Synthesis	91	54	82	96	85	79	96	144	96	144	85	79	144						100	62

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

Features and Size Considerations

24V Sonesse 30 DC
Non-rechargeable
Minimum Width: 20"
Minimum Height: 13"

12V Sonesse 30 Ultra
Rechargeable
Minimum Width: 31"
Minimum Height: 13"

Roller and Solar Shades: Sonesse 30 Motor Maximum Shade Size

Valance Type	Normal Fabric Orientation										Fabric Turned Width for Height (railroaded)									
	Small Cassette		Medium Cassette		Large Cassette/ Contour Valance/ No Valance		3" Fascia		4" Fascia		Small Cassette		Medium Cassette		Large Cassette/ Contour Valance/ No Cassette/ No Valance		3" Fascia		4" Fascia	
Fabric	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)
Tableaux	91	43	81	82	96	144	84	65	96	125	Not available									
Thesis	70	76	70	142	70	144	70	111	70	144	Not available									
Tuvalu	96	104	106	144	106	144	106	111	106	144	Not available									
Unison	95	78	115	144	115	144	115	118	115	144	Not available									
Vancouver	95	91	114	144	114	144	114	111	114	144	Not available									
Vanguard 1% (Authentic; Chrome; Pendulum; Gentle Beige)	84	88	111	102	111	102	116	78	111	102	84	88	111	102	111	102	116	78	111	102
Vanguard 1% (Cortina; Obsidian)	82	98	109	116	109	116	115	86	109	116	82	98	109	116	109	116	115	86	109	116
Vanguard 1% (Elusive; Macedonia; Dew; Homage; Peloton)	82	94	110	102	110	102	114	83	110	102	82	94	110	102	110	102	114	83	110	102
Vanguard 3% (Authentic; Gentle Beige; Chrome; Pendulum)	84	95	110	115	110	115	116	84	110	115	84	95	110	115	110	115	116	84	110	115
Vanguard 3% (Elusive; Macedonia; Dew; Homage; Peloton)	82	96	110	106	110	106	114	84	110	106	82	96	110	106	110	106	114	84	110	106
Vanguard 3% (Obsidian; Cortina)	83	93	111	103	111	103	115	81	111	103	83	93	111	103	111	103	115	81	111	103
Vanguard 5% (Cortina; Obsidian)	85	92	111	114	111	114	116	88	111	114	85	92	111	114	111	114	116	88	111	114

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Features and Size Considerations

24V Sonesse 30 DC
Non-rechargeable
Minimum Width: 20"
Minimum Height: 13"

12V Sonesse 30 Ultra
Rechargeable
Minimum Width: 31"
Minimum Height: 13"

Roller and Solar Shades: Sonesse 30 Motor Maximum Shade Size

Valance Type		Normal Fabric Orientation										Fabric Turned Width for Height (railroaded)												
		Small Cassette		Medium Cassette		Large Cassette/ Contour Valance/ No Cassette/ No Valance		3" Fascia		4" Fascia		Small Cassette		Medium Cassette		Large Cassette/ Contour Valance/ No Cassette/ No Valance		Large Cassette/ Contour Valance/ No Cassette/ No Valance at Maximum Width		3" Fascia		4" Fascia		
Fabric	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)
Vanguard 5% (Elusive; Macedonia; Dew; Homage; Peloton)	82	101	110	115	110	115	115	88	110	115	82	101	110	115	110	115	110	115	115	88	110	115	110	115
Vanguard 5% (Gentle Beige; Pendulum; Authentic; Chrome)	85	95	111	117	111	117	117	84	111	117	85	95	111	117	111	117	111	117	117	84	111	117	111	117
Verve	96	80	116	102	116	144	95	89	116	144	Not available													
Vivaldi	79	96	79	122	79	144	79	138	79	144	Not available													
Wayfarer	92	144	92	144	92	144	92	144	92	144	Not available													
Whitcomb	95	87	108	144	108	144	108	105	108	144	Not available													
Whitehall	88	102	92	136	92	144	92	94	92	144	91	82	123	79	123	79	123	79	123	79	123	79	123	79
Whittaker BO	89	71	113	90	111	119	85	96	111	119	Not available													
Zen	92	68	92	118	92	144	92	100	92	144	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.

Features and 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. Small and medium cassette valances are not available. Fabric turned width for height (railroaded) may curl along its edge. This is not a defect in the product.

Roller and Solar Shades: Dual Shades Maximum Shade Size

		Normal Fabric Orientation						Fabric Turned Width for Height (railroaded)															
		12V Sonesse 28 No Cassette/ Zigbee/ No Valance		12V Sonesse 28 Zigbee Large Cassette		24V SON30 & 12V Sonesse 30 Zigbee No Cassette/ No Valance		24V SON30 & 12V Sonesse 30 Zigbee Large Cassette		12V Sonesse 28 Zigbee No Cassette/ No Valance		12V Sonesse 28 Zigbee No Cassette/ No Valance at Maximum Width		12V Sonesse 28 Zigbee Large Cassette at Maximum Length		12V Sonesse 28 Zigbee No Cassette/ No Valance		24V SON30 & 12V Sonesse 30 Zigbee No Cassette/ No Valance		24V SON30 & 12V Sonesse 30 Zigbee Motor Large Cassette			
Valance Type	Fabric	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)
	Arboretum BO	88	91	89	82	88	91	89	82	89	82	89	81	89	82	89	81	89	82	89	81	89	82
	Arboretum LF	92	119	92	119	92	119	92	119	92	119	92	119	92	119	92	119	92	119	92	119	92	119
	Bradley	88	66	73	74	88	66	73	74	88	66	73	74	88	66	73	74	88	66	73	74	88	66
	Bravado BO	90	73	76	78	90	73	76	78	90	73	76	78	90	73	76	78	90	73	76	78	90	73
	Bravado LF	96	89	98	78	96	89	98	78	96	89	98	78	96	89	98	78	96	89	98	78	96	89
	Broadcast	87	62	72	69	87	62	72	69	87	62	72	69	87	62	72	69	87	62	72	69	87	62
	Buxton	85	71	72	70	85	71	72	70	85	71	72	70	85	71	72	70	85	71	72	70	85	71
	Cambridge LF (Academy; Hawaiian Blue; Mirage; Vernal Pond)	96	104	96	104	96	104	96	104	96	104	96	104	96	104	96	104	96	104	96	104	96	104
	Cambridge LF (Ivory)	76	143	76	127	76	143	76	127	76	143	76	127	76	143	76	127	76	143	76	127	76	143
	Cambridge LF (White; Off White; Inkwell; Clay; Misty)	92	140	92	127	92	140	92	127	92	140	92	127	92	140	92	127	92	140	92	127	92	140
	Cambridge RD (Academy; Hawaiian Blue; Mirage; Vernal Pond)	88	96	88	96	88	96	88	96	88	96	88	96	88	96	88	96	88	96	88	96	88	96
	Cambridge RD (Ivory)	76	109	76	97	76	109	76	97	76	109	76	97	76	109	76	97	76	109	76	97	76	109
	Cambridge RD (White; Off White; Inkwell; Clay; Misty)	88	96	88	96	88	96	88	96	88	96	88	96	88	96	88	96	88	96	88	96	88	96
	Capri	70	104	70	94	70	104	70	94	70	104	70	94	70	104	70	94	70	104	70	94	70	104
	Chakra	92	144	92	144	92	144	92	144	92	144	92	144	92	144	92	144	92	144	92	144	92	144
	Chronicles	85	89	87	79	85	89	87	79	85	89	87	79	85	89	87	79	85	89	87	79	85	89
	Complex	87	68	72	76	87	68	72	76	87	68	72	76	87	68	72	76	87	68	72	76	87	68
	Conservancy LF	75	87	76	77	75	87	76	77	75	87	76	77	75	87	76	77	75	87	76	77	75	87
	Conservancy BO	70	65	71	59	70	65	71	59	70	65	71	59	70	65	71	59	70	65	71	59	70	65

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.

Features and 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 its edge. This is not a defect in the product. Small and medium cassette valances are not available.

Roller and Solar Shades: Dual Shades Maximum Shade Size

Valance Type		Normal Fabric Orientation						Fabric Turned Width for Height (railroaded)										
		12V Sonesse 28 Zigbee/ No Cassette/ No Valance	12V Sonesse 28 Zigbee Large Cassette	24V SON30 & 12V Sonesse 30 Zigbee No Cassette/ No Valance	24V SON30 & 12V Sonesse 30 Zigbee Large Cassette	12V Sonesse 28 Zigbee No Cassette/ No Valance	12V Sonesse 28 Zigbee Large Cassette at Maximum Width	12V Sonesse 28 Zigbee Large Cassette at Maximum Length	12V Sonesse 28 Zigbee Large Cassette at Maximum Width	24V SON30 & 12V Sonesse 30 Zigbee No Cassette/ No Valance	24V SON30 & 12V Sonesse 30 Zigbee Large Cassette							
Fabric	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)		
Consummate Silk	79	92	79	81	79	92	79	81	Not available									
Debonair	95	87	95	87	95	87	95	87	Not available									
Delphine BO	89	79	91	70	89	79	91	70	Not available									
Delphine LF	96	102	97	94	96	102	97	94	Not available									
Destin BO	87	80	89	71	87	80	89	71	Not available									
Diplomat	96	90	96	90	96	90	96	90	Not available									
Dorian	92	113	92	100	92	113	92	100	Not available									
Earth Synergy	88	91	88	90	88	91	88	90	Not available									
EcoEncore	97	101	97	101	97	101	97	101	Not available									
Ellington 1%	75	79	77	70	75	79	77	70	75	79	77	70	77	79	77	70		
Ellington 3%	77	83	79	72	77	83	79	72	77	83	79	72	77	83	79	72		
Ellington 5%	71	64	71	64	71	64	71	64	Not available									
Emerson	75	78	76	73	91	66	93	58	Not available									
Empirical	96	98	96	98	96	98	96	98	Not available									
Emporium (Bookplate White)	94	82	94	82	94	82	94	82	Not available									
Emporium (Sepia Snapshot)	89	94	91	82	89	94	91	82	Not available									
Emporium (Silver Dollar; Vintage Letterpress; Sheet Music; Stepping Stone)	91	90	92	83	91	90	92	83	Not available									
Enviro- INFUSION	96	105	96	105	96	105	96	105	Not available									
Essential	70	144	70	144	70	144	70	144	82	110	82	110	82	110	82	110		
Exposition	76	65	77	59	92	52	94	45	Not available									
Florian	92	130	92	115	92	130	92	115	Not available									
Freesia	102	113	103	100	102	113	103	100	Not available									
Gallery	92	140	92	133	92	140	92	133	Not available									
Gleam	79	90	79	90	79	90	79	90	Not available									

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Valance Type	Normal Fabric Orientation						Fabric Turned Width for Height (railroaded)																	
	12V Sonesse 28 Zigbee/ No Cassette/ No Valance		12V Sonesse 28 Zigbee Large Cassette		24V SON30 & 12V Sonesse 30 Zigbee No Cassette/ No Valance		24V SON30 & 12V Sonesse 30 Zigbee Large Cassette		12V Sonesse 28 Zigbee No Cassette/ No Valance at Maximum Width			12V Sonesse 28 Zigbee Large Cassette at Maximum Width			12V Sonesse 28 Zigbee No Cassette/ No Valance			24V SON30 & 12V Sonesse 30 Zigbee No Cassette/ No Valance			24V SON30 & 12V Sonesse 30 Zigbee Large Cassette			
	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)
Grasses	72	81	72	73	72	65	72	57	72	67	87	67	72	57	72	67	87	67	72	57	72	67	87	67
Guildhall	85	76	87	67	85	76	67	103	92	94	92	94	92	94	92	94	92	94	92	94	92	94	92	94
Halifax	92	103	92	103	92	103	103	103	92	94	92	94	92	94	92	94	92	94	92	94	92	94	92	94
Harmonics	92	94	92	94	92	94	94	94	92	94	92	94	92	94	92	94	92	94	92	94	92	94	92	94
Harmony	92	124	92	112	92	124	124	112	92	97	97	99	92	124	92	112	92	97	97	99	92	112	92	112
Jacinta	97	99	97	99	97	99	99	99	97	97	97	99	97	99	97	99	97	97	99	97	99	97	99	99
Kindred	97	101	97	101	97	101	101	101	97	101	97	101	97	101	97	101	97	101	97	101	97	101	97	101
Levity	100	84	102	74	100	84	84	74	100	84	102	74	100	84	102	74	100	84	102	74	100	84	102	74
Linnea	96	144	96	144	96	144	144	144	96	144	96	144	96	144	96	144	96	144	96	144	96	144	96	144
LiveWell	86	73	88	65	86	73	73	65	88	65	88	65	88	65	88	65	88	65	88	65	88	65	88	65
Manifest BO	89	96	89	96	89	96	96	96	89	96	89	96	89	96	89	96	89	96	89	96	89	96	89	96
Manifest LF	92	144	92	144	92	144	144	144	92	144	92	144	92	144	92	144	92	144	92	144	92	144	92	144
Marina	96	83	98	73	96	83	83	73	98	73	98	73	98	73	98	73	98	73	98	73	98	73	98	73
Mayfair	99	117	99	117	99	117	117	117	99	117	99	117	99	117	99	117	99	117	99	117	99	117	99	117
Merit	76	87	77	79	76	87	87	79	77	79	77	79	76	87	77	79	76	87	77	79	76	87	77	79
Momentum	76	144	76	144	76	144	144	144	76	144	76	144	76	144	76	144	76	144	76	144	76	144	76	144
Monaco	88	74	73	82	88	74	74	82	89	74	89	66	88	74	89	66	88	74	89	66	88	74	89	66
Monticello	74	68	75	62	91	54	54	62	92	54	92	48	91	54	92	48	91	54	92	48	91	54	92	48
Nantucket	77	62	78	56	94	49	49	56	96	49	96	43	94	49	96	43	94	49	96	43	94	49	96	43
Nebula	79	57	66	64	79	57	57	64	81	57	81	49	79	57	81	49	79	57	81	49	79	57	81	49
Northshore	95	78	95	77	95	78	78	77	95	78	95	77	95	78	95	77	95	78	95	77	95	78	95	77
Olbrecht	77	77	79	67	77	77	77	67	79	67	79	67	77	77	79	67	77	77	79	67	77	77	79	67
Paragon	76	88	77	78	76	88	88	78	77	78	77	78	76	88	77	78	76	88	77	78	76	88	77	78
PlanetSafe	92	120	92	106	92	120	120	106	92	120	92	106	92	120	92	106	92	120	92	106	92	120	92	106
Plexus 1% (Black Granite; Chalcedony; Nutley Pier; Travertine; Landmark; Niche; Penumbra; Provisions; Renewal; Stately)	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97

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Valance Type	Normal Fabric Orientation						Fabric Turned Width for Height (railroaded)					
	12V Sonesse 28 Zigbee/ No Cassette/ No Valance	12V Sonesse 28 Zigbee Large Cassette	24V Sonesse 30 Zigbee No Cassette/ No Valance	24V SON30 & 12V Sonesse 30 Zigbee Large Cassette	12V Sonesse 28 Zigbee No Cassette/ No Valance	12V Sonesse 28 Zigbee No Cassette/ No Valance at Maximum Width	12V Sonesse 28 Zigbee Large Cassette at Maximum Length	12V Sonesse 28 Zigbee Large Cassette at Maximum Width	24V SON30 & 12V Sonesse 30 Zigbee No Cassette/ No Valance	24V SON30 & 12V Sonesse 30 Zigbee Motor Large Cassette		
Fabric	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)
Plexus 1% (Soapstone; Sublime Gray; Tranquility)	84	60	71	63	84	60	84	60	84	53	86	53
Plexus 3% (Black Granite; Chalcedony; Nutley Pier; Travertine; Landmark; Niche; Penumbra; Provisions; Renewal; Stately)	85	58	71	64	85	58	85	58	85	51	87	51
Plexus 3% (Soapstone; Sublime Gray; Tranquility)	85	60	71	67	85	60	85	60	85	53	87	53
Plexus 5% (Black Granite; Chalcedony; Nutley Pier; Travertine; Landmark; Niche; Penumbra; Provisions; Renewal; Stately)	84	64	71	67	84	64	84	64	84	56	86	56
Plexus 5% (Soapstone; Sublime Gray; Tranquility)	86	63	72	67	86	63	86	63	86	55	88	55
Porter	83	50	69	56	83	50	84	Not available				
Providence BO	71	57	71	57	71	57	71	Not available				
Providence LF	74	89	75	79	74	89	75	Not available				
Quintessence	79	75	81	66	79	75	81	Not available				
Reaction	85	92	87	81	85	92	87	Not available				
Regent	97	107	98	98	97	107	98	Not available				
Renaissance	92	140	92	133	92	140	92	Not available				

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Valance Type	Normal Fabric Orientation						Fabric Turned Width for Height (railroaded)					
	12V Sonesse 28 Zigbee/ No Cassette/ No Valance		12V Sonesse 28 Zigbee Large Cassette		24V SON30 & 12V Sonesse 30 Zigbee No Cassette/ No Valance		12V Sonesse 28 Zigbee No Cassette/ No Valance at Maximum Width		12V Sonesse 28 Zigbee Large Cassette at Maximum Length		24V SON30 & 12V Sonesse 30 Zigbee No Cassette/ No Valance	
	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)
Riverbend	72	75	72	68	72	60	72	53	Not available			
Sabine	84	88	86	78	84	88	86	78	Not available			
SafeSync	78	63	80	55	78	63	80	55	Not available			
Sakura	67	56	69	50	83	44	85	38	Not available			
Salutation	96	97	96	86	96	97	96	86	Not available			
Sanguine	74	61	75	54	78	48	78	42	Not available			
Santorini	76	120	76	132	76	120	76	106	Not available			
Shadow	85	91	87	81	85	91	87	81	Not available			
Sheffield	96	94	96	88	96	94	96	88	Not available			
Shiloh	96	99	96	99	96	99	96	99	Not available			
Solana BO	78	68	80	60	78	68	80	60	Not available			
Standard Weave 1% (Calcite; Polished)	84	86	86	76	84	86	86	76	86	76	86	76
Standard Weave 1% (Daikon; Infallible; Once)	84	90	85	83	84	90	85	83	85	83	85	83
Standard Weave 1% (Veranda; Café Doppio; Chiseled)	82	91	85	79	82	91	85	79	85	79	85	79
Standard Weave 10% (Chiseled; Daikon; Café Doppio; Infallible; Once; Veranda)	86	90	87	84	86	90	87	84	87	84	87	84
Standard Weave 10% (Polished; Calcite)	87	92	87	90	87	92	87	90	87	90	87	90
Standard Weave 3% (Daikon; Infallible; Once)	84	89	86	78	84	89	86	78	86	78	86	78

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Valance Type	Normal Fabric Orientation						Fabric Turned Width for Height (railroaded)									
	12V Sonesse 28 Zigbee/ No Valance		12V Sonesse 28 Zigbee Large Cassette		24V SON30 & 12V Sonesse 30 Zigbee No Valance		24V SON30 & 12V Sonesse 30 Zigbee Large Cassette		12V Sonesse 28 Zigbee No Cassette/ No Valance		12V Sonesse 28 Zigbee No Cassette/ No Valance at Maximum Width		12V Sonesse 28 Zigbee Large Cassette at Maximum Length		12V Sonesse 28 Zigbee No Cassette/ No Valance	
	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)
Standard Weave 3% (Polished; Calcite)	84	92	86	82	84	92	86	82	84	92	84	92	86	82	84	92
Standard Weave 3% (Veranda; Café Doppio; Chiseled)	83	92	85	82	83	92	85	82	83	92	83	92	85	82	83	92
Standard Weave 5% (Calcite; Polished)	85	92	87	82	85	92	87	82	85	92	85	92	87	82	85	92
Standard Weave 5% (Infatible; Once; Daikon)	85	92	86	86	85	92	86	86	85	92	85	92	86	86	85	92
Standard Weave 5% (Veranda; Café Doppio; Chiseled)	84	95	86	84	84	95	86	84	84	95	84	95	86	84	84	95
Suburban II	72	141	72	125	72	141	72	125	100	62	100	62	100	62	100	62
Synthesis	74	65	76	58	92	51	93	45	Not available							
Tableaux	74	53	76	47	91	42	93	36	Not available							
Thesis	70	90	70	82	70	73	70	64	Not available							
Tuvalu	96	104	96	104	96	104	96	104	Not available							
Unison	95	78	95	78	95	78	95	78	Not available							
Vancouver	95	91	95	91	95	91	95	91	Not available							
Vanguard 1% (Authentic; Chrome; Pendulum; Gentle Beige)	84	86	86	76	84	86	86	76	84	86	84	86	86	76	84	86
Vanguard 1% (Cortina; Obsidian)	84	90	85	83	84	90	85	83	84	90	84	90	85	83	84	90

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	12V Sonesse 28 Zigbee/ No Cassette/ No Valance		12V Sonesse 28 Zigbee Large Cassette		24V SON30 & 12V Sonesse 30 Zigbee No Cassette/ No Valance		12V Sonesse 28 Zigbee No Cassette/ No Valance		12V Sonesse 28 Zigbee Large Cassette at Maximum Width		24V SON30 & 12V Sonesse 30 Zigbee No Cassette/ No Valance		24V SON30 & 12V Sonesse 30 Zigbee Motor Large Cassette			
	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)	Width (inches)	Height (inches)		
Fabric																
Vanguard 1% (Elusive; Macedonia; Dew; Homage; Peloton)	82	91	85	79	82	91	85	79	82	91	85	79	82	91	85	79
Vanguard 3% (Authentic; Gentle Beige; Chrome; Pendulum)	84	92	86	82	84	92	86	82	84	92	86	82	84	92	86	82
Vanguard 3% (Elusive; Macedonia; Dew; Homage; Peloton)	83	92	85	82	83	92	85	82	83	92	85	82	83	92	85	82
Vanguard 3% (Obsidian; Cortina)	84	89	86	78	84	89	86	78	84	89	86	78	84	89	86	78
Vanguard 5% (Cortina; Obsidian)	85	92	86	86	85	92	86	86	85	92	86	86	85	92	86	86
Vanguard 5% (Elusive; Macedonia; Dew; Homage; Peloton)	84	95	86	84	84	95	86	84	84	95	86	84	84	95	86	84
Vanguard 5% (Gentle Beige; Pendulum; Authentic; Chrome)	85	92	87	82	85	92	87	82	85	92	87	82	85	92	87	82
Verve	96	77	81	86	96	77	98	67	Not available							
Vivaldi	79	92	79	81	79	92	79	81	Not available							
Wayfarer	92	144	92	144	92	144	92	144	Not available							
Whitcomb	95	87	95	87	95	87	95	87	Not available							
Whitehall	88	102	89	90	88	102	89	90	77	84	91	82	77	84	91	82
Whittaker BO	74	83	75	76	90	68	92	60	Not available							
Zen	82	82	83	74	92	66	92	58	Not available							

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Options

12-Volt Power Considerations

12-volt motors can be powered by rechargeable Li-ion battery pack, plug-in transformer, or multi-motor power supply.

Low Voltage 12-Volt Power Components (non-rechargeable motors)



Rechargeable Li-ion Battery Pack

- External lithium-ion battery used to power the 12V Sonesse WF Ext Batt
- Discreet design allows for placement in smaller window coverings
- Window covering can be operated while charging the battery
- Charges with Li-ion Charger, which is sold separately
- Dimensions: 9.8" L x 1" W x 0.9" D
- Available with 48" or 96" extension cable. Up to two per motor. Sold separately

Rechargeable Power Considerations

Shades will need charging on-site before installation. Charge time could take up to 6 hours.



Li-ion Charger

- Sold separately
- Conveniently charge the 12V Li-ion motors and Rechargeable Li-ion Battery Pack
- 13 foot power cord, white only
- LED indicator on Charger:
 - Solid Red - Charging
 - Solid Green - Charging Complete

Battery Autonomy (Years)
Shade width (inches)

	24	31	39	47	55	63	71	79	87	94	102	110	118	126	134	144
24	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.2
31	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.1
39	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.0
47	1.1	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.9
55	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8
63	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7
71	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.7
79	0.9	0.9	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.6
87	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6
94	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5
102	0.8	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5
110	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5
118	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4
126	0.7	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	
134	0.7	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4		
144	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4		

Options

Low Voltage 12V and 24V Power Considerations



Plug-In Transformer

- Eliminates the need for batteries
- Available in White only
- 12V: 72" power cord and 96" extension cable (power cord and extensions cannot be cut to length) One additional extension cable can be added.
- 24V: 60" power cord (power cord can be cut to length), wire lengths longer than 60" must be field supplied

Transformer Dimensions

- 12V: 3¼" wide x 2" deep (not including plug) x 1½" high (as you look at the plug in the outlet)
- 24V: 1¾" wide x 1⅝" deep (not including plug) x 2¾" 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 instructions and connection cables
- Must be mounted indoors, NEMA rated
- 120-volt AC 3.3 amp

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.

- Dimensions: 12" wide x 6" deep x 12" high
- Additional wire may be purchased locally; up to 150 feet maximum

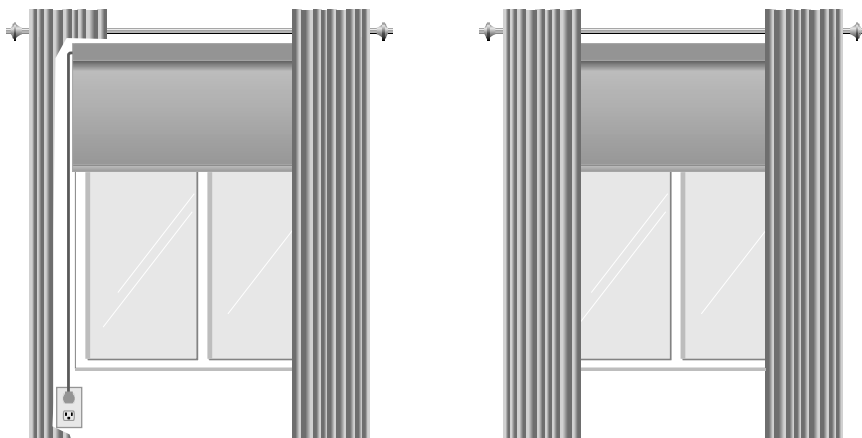
CAUTION: A licensed electrician is required for all line voltage electrical connections. All local and NEC codes must be followed.

12V: 10 motor power supply kit available

24V: 5 or 10 motor power supply kits available

DC Plug-In Transformer Considerations

- A power outlet must be within cord length to power motor
- Transformer power available for shade systems of any size or quantity



Zigbee Options

Motorized Graber® Shades feature Somfy® Radio Frequency Motors and Accessories. Not compatible with RTS motors.

Zigbee Controls	
	Ysia 5 Zigbee Remote Direct control for smart shading. Ysia offers simple, convenient control for motorized window coverings. Available in a clean white finish sporting a sleek, modern look, it adds a touch of elegance to every décor. Ysia can be used as a direct control for Somfy® Zigbee® devices or part of a connected TaHoma® switch system. • White only • Battery included, 2x AAA Battery • Remote includes convenient mounting hardware for hanging when not in use • Controls unlimited number of motors • 3-year battery life, in app battery indicator • Device Type: Zigbee end device
	Zigbee Smart Plug & Repeater The Somfy Smart Plug can be used in Zigbee installations (using the TaHoma switch). It extends the Zigbee radio range for motorized window coverings and turns connected lighting devices on/off. The Smart Plug is an essential point to building a robust Zigbee mesh network, and allows users to control traditional lighting or small plug-in devices with the TaHoma app. • Requires the TaHoma and TaHoma by Somfy app • Indoor use only • Fits into any standard outlet • Manual on/off function • One repeater recommended for every 6 wirefree battery motors • White only • Device Type: Zigbee router
	TaHoma™ switch Connectivity and advanced control for Somfy-powered shades. The TaHoma switch can control up to 60 Somfy Zigbee products and 40 channels of Radio Technology Somfy (RTS) motorized products. The TaHoma app enables users to setup and configure their products and access their smart shading from anywhere. Offer users voice control with Amazon Alexa, Google Home, and Apple Home • Dimensions: 3¾" W x 4.5" H • Download Somfy Pro for dedicated app based tool for professionals. • Device Type: Zigbee Coordinator
	TaHoma Ethernet Adapter A reliable, wired connection for motorized shades. The Ethernet Adaptor connects the TaHoma switch directly to the network for users with under-performing WiFi. Also powers the device.

GRABER.

Graber Zigbee Motorization Designer US Price List — Effective January 2025

Zigbee Motor Pricing

A. Zigbee Pricing

Add price of motor to blind or shade price.

12 Volt Motor Options

Roller Motor

12V Sonesse 28 Zigbee Ext Battery (Requires an external power source)	450
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Available on: Solar/Roller, Sheer & Layered, Soft Roman and Woven Woods

12V Sonesse 28 Zigbee Li-Ion	580
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Available on: Solar/Roller, Sheer & Layered, Soft Roman and Woven Woods

12V Sonesse 30 Ultra Zigbee Li-Ion	680
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Available on: Solar/Roller, Layered, Soft Roman and Woven Woods

* Woven Wood price is per panel

For motorized lift dual shades, price one motor for each motorized shade (total of 2 motors)

24 Volt Motor Options

Roller Motor

24V Sonesse 30 Zigbee DC	820
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Available on: Solar/Roller, Layered, Soft Roman and Woven Woods

* Woven Wood price is per panel

B. Motorization Power Sources

Choose one (1) power supply per motor or select multi-motor power supply.

NOTE: Power supply is per motor/panel

12 Volt Non-rechargeable Power Options

Rechargeable Li-ion Battery Pack (For use with 12V Sonesse 28 Zigbee Ext Battery)	125
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12 Volt DC Plug-In Transformer (includes 96" (243.9 cm) extension)	125
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48" (122.0 cm) Extension Cable	21
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96" (243.9 cm) Extension Cable	26
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12 Volt Rechargeable Power Options

12V 13 Foot Li-ion Charger (Li-ion Charger)	53
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24 Volt Power Options

24 Volt DC Plug-In Transformer with 5 Foot (152.4 cm) Power Cord	155
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24 Volt 5 Motor Power Supply	1427
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24 Volt 10 Motor Power Supply	2103
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C. Zigbee Motorization Controls

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

Radio Frequency Remote Controls

Ysia 5 Zigbee Remote White	200
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Integration Devices

TaHoma Switch Zigbee-RTS Hub	400
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TaHoma Switch Ethernet Adapter	65
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Smart Plug Zigbee Repeater	110
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NOTE: The integration devices cannot be the sole controller for motorized window treatment(s). A remote or mobile application is required.