



# Portrait<sup>™</sup> Honeycomb Shades

PROGRAM REFERENCE GUIDE



## Revision Log

Date	Revision
1/1/2022	<p><u>General Update:</u> Discontinued Corded, Corded Top Down and Corded Day &amp; Night operating systems; Updated handle/rail design and installation brackets.</p>
6/15/2022	<p><u>Pg. :</u> Updated standard frame for SmartFit for Sloped Windows with Frame to Beaded L frame. Vintage L frames and Hang Strips options have been discontinued.</p>
7/1/2022	<p><u>General Update:</u> Updated handles for Cordless and SmartFit applications.</p>
8/8/2022	<p><u>General Update:</u> Updated systems for SmartFit®</p>
11/1/2022	<p><u>General Update:</u> SmartRise™ Cordless max width extended to 108" for 3/4" &amp; 1 ¼" Single, and 3/4" &amp; 1/2" Double cell sizes</p>
11/15/2022	<p><u>Pg. :</u> 3212 Black Ink rail/hardware color available for Vertical applications and SmartFit for Sloped Window applications</p>
1/1/2023	<p><u>General Update:</u> Discontinued 25CE/25TE/35E motor options for Honeycomb shades. See dedicated 2023 motorization specifications for additional details.</p>
2/7/2023	<p><u>Pg. 9:</u> Add fabric/cell size availability by the system reference chart  <u>Pg. 14:</u> Added Woven system availability notes.  <u>Pg. 34:</u> Added fabric notes</p>
3/31/2023	<p><u>General Updates:</u></p> <ul style="list-style-type: none"> <li>- <i>NEW</i> fabric colors available, including Designer Whispers, Solus, and RD Flame Resistant collections.</li> <li>- <i>NEW</i> frame colors available for SmartFit® with Frame.</li> <li>- Select fabric colors and frame colors to be phased out; discontinuing on 7/1/2023.</li> <li>- 2" Belair Z Frame &amp; 2" Bullnose Z Frame to be available for SmartFit® for Sloped windows w/ Frame</li> <li>- Honeycomb Day &amp; Night: System discontinued for <b>Automate Home Motorization</b></li> </ul>
	<p><u>Pg. 5-6:</u> Added size limitations for Solus collection and Flame Resistant fabrics  <u>Pg. 8:</u> Added new fabric collections to Options Reference Charts            Updated notes for Day &amp; Night fabric combinations  <u>Pg 9:</u> Updated fabric availability chart  <u>Pg. 33:</u> Added Z frame options to SmartFit for Sloped Windows with Frame  <u>Pg. 38-40:</u> Added phase-out color notice.</p>
Effective 7/1/2023	<p><u>General Updates:</u></p> <ul style="list-style-type: none"> <li>- Expanded Day &amp; Night fabric combinations for all systems</li> <li>- Opened all rail color options for Woven Cordless systems; Fern rail color discontinued.</li> <li>- Phase-out fabrics, including all One-Tone, will be discontinued. See the discontinued list <a href="#">here</a>.</li> </ul>
	<p><u>Pg. 5,6,9:</u> Added Windsong to all Day &amp; Night applications  <u>Pg. 8:</u> Added new Day &amp; Night fabric combinations for Cordless, Cord Loop, Norman Smart Motorized and Patio door Vertical systems, such as LF+RD, LF+LF, Windsong, and more  <u>Pg. 38:</u> Discontinued Fern rail color; Added Day &amp; night default rail color rules</p>
11/10/2023	<p><u>General Updates:</u></p> <ul style="list-style-type: none"> <li>- Revised Side by Side notes</li> <li>- Sand C7503 default rail color changed from Cottage White to Sahara. See Appendix.</li> </ul>



## Table of Contents

	Page
Features & Benefits . . . . .	4
<b>General Specifications</b>	
Size Considerations (Min/Max) . . . . .	5 – 6
Standard Deductions . . . . .	7
Compare Honeycomb Systems & Options (Option Reference Charts) . . . . .	8 – 9
Mounting Depths . . . . .	10
Mounting Hardware . . . . .	11
<b>Operating Systems</b>	
Cordless Systems . . . . .	12
Cord Loop Systems . . . . .	13
Lift Systems for Woven Fabrics . . . . .	14
2 on 1 Shades / Side by Side . . . . .	15
SmartFit® Systems . . . . .	16 – 17
SmartFit® with Frame Systems . . . . .	18 – 19
Frame, T-Post and Sill Plate Options & Measure Guidelines . . . . .	20 – 32
SmartFit with Frame for Sloped Windows . . . . .	33
Patio Door Vertical . . . . .	34 – 36
Specialty Shapes . . . . .	37
<b>Available Colors</b>	
Headrail Colors . . . . .	38
Frame Colors . . . . .	39
Complete Fabric List and Color Coordination Chart . . . . .	See Appendix
<b>Additional Info, Options &amp; Parts</b>	
Fabric Stacking Heights . . . . .	40 – 42
Additional Options . . . . .	43
Cut-outs . . . . .	44
Parts & Accessories . . . . .	45
Fabric Expectations & Product Care . . . . .	46 – 47

## Features & Benefits

### Features

### Benefits

#### Sleeker, Stronger Headrail

- Light yet extremely sturdy with color coordination to the fabric
- Sleek and space-saving profile
- Resilient components for worry-free operation

#### Unique D-Cell Structure

- Creates perfect pleats for long-lasting beauty
- Remarkable strength even in hot, sunny or humid climates

#### Various Cell Sizes, Light Control Options and Colors

- 3/8" single, 1/2" double, 3/4" single, 3/4" double, 1 1/4" single, and 9/16" single
- Offered in Sheer, Light Filtering and Room Darkening for light and privacy control
- Luxury fabric upgrades available in Designer prints, Woven, and Flame-Resistant fabrics

Sheer	Windsong	Light Filtering / Designer	Solus / Breeze	Room Darkening / Designer
				

#### Child Safe & Flame Resistant

- Cordless lift system provides a safer option
- Patented child and pet safe cord release device
- Flame resistant fabrics available for added peace of mind

**Cordless:** Easy to operate and eliminates cords for added beauty and safety.

**Top-Down Bottom-Up:** Adjust your lighting preference and control your privacy level by lowering shades from the top to let in natural light, or raising them from the bottom like a traditional shade.

**SmartFit®:** Tight fit on French doors and sloped windows to minimize light leakage and maximize privacy.

#### Superior Operating Systems

**SmartFit® with Frame:** Framed – Tight fit on French doors or any window minimizing light leakage; now available in more frame styles and t-post options

**Cord Loop:** Features unique clutch system making raising and lowering easier. Available in standard cord loop, Top Down and Day/Night

**SmartRelease™:** Allows the shade to be released or lowered from an upward position with a gentle pull.

**Patio Door Vertical:** Perfect solution for sliding doors or large windows

**Motorization:** New innovative Norman® Smart Motorization

## Size Considerations

Operating System		Width (Net)		Height		Max Area
		Min	Max	Min	Max	
<b>SmartRise™ Cordless</b>	3/8"S & 9/16"S	11 ½" ①	96"	10"	120" ①	Max Width x Max Height
	3/4"S, 3/4" D, 1/2" D, & 1 ¼" S	11 ½" ①	108"	10"	120" ①	Max Width x Max Height
	Solus	15 ½" ①	108"	10"	120" ①	Max Width x Max Height
	FR 3/8"S	25"	96"	10"	120" ①	Max Width x Max Height
	FR 3/4"S	25"	108"	10"	120" ①	Max Width x Max Height
<b>Cordless TDBU</b>	All Other Fabrics	15"	96"	10"	86"	Max Width x Max Height
	Solus	15 ½"	96"	10"	86"	Max Width x Max Height
	FR	25"	96"	10"	86"	Max Width x Max Height
<b>Cordless Day &amp; Night</b>	All Other Fabrics	15"	96"	10"	86"	Max Width x Max Height
	Solus	15 ½"	96"	10"	86"	Max Width x Max Height
	Windsong ③	15"	86"	10"	86"	Max Width x Max Height
<b>Woven Cordless</b>		15 ½"	86"	10"	86" ②	Max Width x Max Height
<b>Woven Cordless TDBU</b>		15 ½"	78"	10"	86" ②	Max Width x Max Height
<b>SmartFit®</b>	3/8" Single only	8 ½"	50"	6"	86"	Max Width x Max Height
<b>SmartFit®</b>	All other cells	8 ½"	72"	6"	86"	Max Width x Max Height
<b>SmartFit® with Frame ⑦</b>		See MFF size limitations by frame type (The shade must be within the shade only limitations as shown above)				
<b>SmartFit® Dual Shade</b>	3/8" Single only	8 ½"	50"	12"	86"	Max Width x Max Height
<b>SmartFit® Dual Shade</b>	All other cells	8 ½"	72"	12"	86"	Max Width x Max Height
<b>SmartFit® Dual Shade with Frame ⑦</b>		See MFF size limitations by frame type (The shade must be within the shade only limitations as shown above)				
<b>SmartFit® for Sloped Windows</b>		8 ½"	59"	6"	120"	48 SQFT
<b>SmartFit® for Sloped Windows with Frame ⑦</b>		See MFF size limitations by frame type (The shade must be within the shade only limitations as shown above)				
<b>Cord Loop &amp; SmartRelease™</b>		15"	120" ③	10"	144" ③	80 SQFT
<b>Cord Loop TD</b>		24" ④	120" ③	10"	144" ③	80 SQFT
<b>Cord Loop Day &amp; Night</b>		24" ④	120" ③	10"	144" ③	80 SQFT
<b>Motorized Bottom Up</b>		22"	120"	10"	144"	80 SQFT
<b>Motorized Top Down</b>		31" ⑤				50 SQFT
<b>Norman Smart Motorized: Bottom Up</b>	Battery	24"	120" ③	10"	144" ③	90 SQFT
	36W AC Adapter					120 SQFT
	65W AC Adapter					50 SQFT
<b>Norman Smart Motorized: TDBU / Day &amp; Night</b>	Battery	26 ½"	120" ③	10"	144" ③	50 SQFT
	36W AC Adapter					60 SQFT
	65W AC Adapter					60 SQFT
<b>Patio Door Vertical</b>		30"	146"	24"	120" ⑥	Max Width x Max Height
<b>Patio Door Vertical Day &amp; Night</b>		30"	146"	24"	120"	Max Width x Max Height

**\*\*All size limitations are in NET width\*\***

- ① **SmartRise™ Cordless:** (all cell sizes) Minimum width is 25" when the height is greater than 86"
- ② **Woven Cordless:** Maximum height is 62" when the width is 19" or less.
- ③ **Windsong Fabrics only:** Maximum is 86" W x 86" H.
- ④ **Cord Loop TD and D&N:** Minimum width is 30" when the height is greater than 72".
- ⑤ **Motorized TD:** Minimum width is 35" when the height is greater than 72".
- ⑥ **Patio Door Vertical:** Maximum height is 96" for FR fabric (3/4" S).
- ⑦ All **SmartFit® with Frame** measurements are maximum frame to frame. See dedicated [min/max](#).

# Portrait™ Honeycomb Shades

## Size Considerations – 2 on 1 & Side Mount

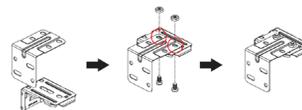
2-on-1 Shades				
System		Min (whole unit)	Max (whole unit)	Max Area (per shade)
SmartRise™ Cordless (3/8"S & 9/16"S)	Width	23 ¼" *	120" total width (96" max per shade)	80 SQFT per shade
	Height	10"	120"	
SmartRise™ Cordless (3/4"S, 3/4"D, 1/2"D, & 1 ¼"S)	Width	23 ¼" *	120" total width (108" max per shade)	90 SQFT per shade
	Height	10"	120"	
SmartRise™ Cordless (Solus)	Width	31 ¼" *	120" total width (108" max per shade)	90 SQFT per shade
	Height	10"	120"	
SmartRise™ Cordless (FR)	Width	50 ¼" *	120" total width (3/4"S:108" max per shade) (3/8"S: 96" max per shade)	90 SQFT per shade
	Height	10"	120"	
Cord Loop	Width	30 ¼"	120"	80 SQFT per shade
	Height	10"	144"	

2-on-1 Shades (Woven Fabrics)				
System		Min (whole unit)	Max (whole unit)	Max Area (per shade)
Cordless (Breeze & Windsong)	Width	31 ¼"	120" total width (86" max on one shade)	51.36 SQFT per shade
	Height	10"	86"	
Cord Loop (Windsong)	Width	30 ¼"	120" total width (86" max on one shade)	51.36 SQFT per shade
	Height	10"	86"	

### Notes:

- One 3/8" deduction will be taken for the whole unit (between both shades)
- Standard ¼" gap spacing between each shade
- The 2-on-1 Shade limitations are for the entire unit, but each shade must also follow the above size limitations and additional rules for a single shade.
- \*Per unit: SmartRise™ Cordless: Minimum width (for whole 2-on-1 unit) is **50 ¼"** when the height is **greater than 86"**
- \*Per shade: SmartRise™ Cordless: (all cell sizes) Minimum width is **25"** when the height is **greater than 86"**

**Side mount support brackets** are an option for IM windows. A supporting piece will be provided with the installation bracket. Available in the following lift systems:



Operating System		Width (Net)		Height		Max Area
		Min	Max	Min	Max	
SmartRise™ Cordless	All Fabrics	11 ½" ①	37"	10"	120" ①	Max Width x Max Height
	Solus	15 ½" ①				
	FR	25"				
Cordless TDBU	FR	25"	37"		86" ③	Max Width x Max Height
Cordless TDBU	All Fabrics	15"				
Cordless Day & Night						
Cordless TDBU	Solus	15 ½"	10"	86" ②	Max Width x Max Height	
Cordless Day & Night						
Woven Cordless		15 ½" ②	37"	10"	86" ②	Max Width x Max Height
Woven Cordless TDBU		15 ½" ②	37"	10"	86" ②	Max Width x Max Height
Cord Loop & SmartRelease™		15"	37"	10"	144" ③	Max Width x Max Height
Cord Loop TD		24" ④	37"	10"	144" ③	Max Width x Max Height
Cord Loop Day & Night						
Patio Door Vertical		30"	37"	24" ⑤	120"	Max Width x Max Height
Patio Door Vertical Day & Night						
Motorized Bottom Up		22"	37"	10"	144"	80 SQFT
Motorized Top Down		31" ⑤				50 SQFT
Norman Smart Motorized: Bottom Up	Battery	24"	37" ③	10"	144" ③	90 SQFT
	36W AC Adapter					120 SQFT
	65W AC Adapter					50 SQFT
Norman Smart Motorized: TDBU / Day & Night	Battery	26 ½"				50 SQFT
	36W AC Adapter					60 SQFT
	65W AC Adapter					

\*\* All size limitations are in net width.

- ① **SmartRise™ Cordless:** Minimum width is **25"** when the height is greater than **86"**. (Applies to all cell sizes)
- ② **Woven Cordless:** Maximum height is **62"** when the width is **19" or less**
- ③ **Windsong Fabrics only:** The max height is **86"**.
- ④ **Cord Loop TD and D&N:** Minimum width is **30"** when the height is greater than **72"**.
- ⑤ **Patio Door Vertical:** Maximum height is **96"** for FR fabric (3/4" S).



## Standard Deductions

Product	Mount Type	Shade Width(X)		Shade Height(Y)		Alum Light guard length
		Order Width	Tolerance	Order Height	Tolerance	
Cordless	OB	X=Order Width	±1/8"	Y=Order Height	+1/2" ~ +3"	N/A
Cordless TDBU	IB	X=Order Width - 3/8"		Y=Order Height		Order Height - 1/8"
Cordless Day & Night			SmartRelease™	X=Order Width	±1/8"	
Cordless & Cordless TDBU (Woven)	IB	X=Order Width - 3/8"		Y=Order Height		Order Height - 1/8"
SmartFit®			IB	X=Order Width - 1/4" (for IB w/o alum light guard)	±1/8"	
SmartFit® for Sloped Windows	X=Order Width - 3/8" (IB w/ alum light guard)					
SmartFit® Dual Shade	IB	X=Order Width - 3/16" (for IB w/o alum light guard)	±1/8"	Y=Order Height - 1/2"	± 1/8"	N/A
Vertical		X=Order Width				
Vertical Day & Night	IB	X=Order Width - 3/16"				

### Measurement:

- Width: Measure shade from left to right
- Height: When the shade is fully extended, measure from the top of the headrail to the bottom of bottom rail
- For Vertical applications:
  - Width: Measure from the left end cap to the right end cap, along the headrail
  - Height: Measure from the top of headrail to the bottom of vertical rail end cap

### Other Products:

- SmartFit® with Frame systems (Max Frame to Frame Size)**  
Width: measure from outside left frame to outside right frame.  
Height: measure from top of frame to bottom of frame.
- Vertical & Vertical Day & Night:**  
OB Recommendation: add 4" to opening width and 2" to opening height
- Specialty Shapes:**  
3/16" deduction on each side.  
Tolerance: Shade width and height may vary -1/8" ~1/8".

# Portrait™ Honeycomb Shades

## Option Reference Charts

Operating Systems	Cell Sizes					
	3/8" Single	9/16" Single	1/2" Double	3/4" Single	3/4" Double	1 1/4" Single
SmartRise™ Cordless   Cordless TDBU   Cordless Day & Night	✓	✓	✓	✓	✓	✓
Cordless (Woven)   Cordless TDBU (Woven)	x n/a	x n/a	x n/a	✓	x n/a	✓
SmartFit®   SmartFit® Dual Shade	✓	✓	✓	✓	IB: ✓ OB: x n/a	IB: ✓ OB: x n/a
SmartFit® for Sloped Windows	✓	x n/a	x n/a	x n/a	x n/a	x n/a
SmartFit® with Frame   SmartFit® Dual Shade with Frame	✓	x n/a	x n/a	x n/a	x n/a	x n/a
SmartFit® with Frame for Sloped Windows	✓	x n/a	x n/a	x n/a	x n/a	x n/a
Cord Loop   SmartRelease™   Cord Loop TD   Cord Loop Day & Night	✓	✓	✓	✓	✓	✓
Motorized	✓	✓	✓	✓	✓	✓
Specialty Shapes	✓	✓	✓	✓	x n/a	x n/a
Patio Door: Vertical   Day & Night	x n/a	x n/a	x n/a	✓	x n/a	✓

\*OB SmartFit / OB SmartFit Dual Shade is not available in large cells (3/4" Double & 1 1/4" Single)

Fabric Type	Cell Sizes					
	3/8" Single	9/16" Single	1/2" Double	3/4" Single	3/4" Double	1 1/4" Single
Sheer †	✓	x n/a †	x n/a	✓	x n/a	✓
Light Filtering	✓	✓	✓	✓	✓	✓
Room Darkening	✓	✓	✓	✓	✓	✓
Designer Fabric (LF) – Patterns **	✓	x n/a	x n/a	✓	x n/a	✓
Designer Fabric (RD) – Patterns	x n/a	x n/a	x n/a	✓	x n/a	✓
Designer Fabric (LF) – Whispers <sup>NEW</sup>	✓	x n/a	✓	✓	✓	✓
Flame Resistant – LF & RD <sup>NEW</sup>	✓	x n/a	x n/a	✓	x n/a	x n/a
Solus <sup>NEW</sup>	x n/a	x n/a	x n/a	✓	x n/a	✓
Woven: Breeze & Windsong	x n/a	x n/a	x n/a	✓	x n/a	✓

\*One-tone fabrics discontinued, 7/1/2023.

† 9/16" Single is not available as a single sheer shade, only as a Day & Night application.

\*\*The Rustica Collection in Designer LF Patterns is not available in 3/8" Single.

### Day & Night Fabric Combinations †

Top Shade	Sheer*	LF, RD, Designer	Light Filtering, LF Designer	Windsong*	All fabrics (Sheer, Windsong, LF, RD, Designer)	Light Filtering, LF Designer* (3/4"S & 1 1/4" S)
Bottom Shade	All fabrics (LF, RD, Designer, Solus)	Sheer	Light Filtering, LF Designer	LF, RD, Designer, Solus	Solus*	Room Darkening, RD Designer* (3/4"S & 1 1/4" S)

1. † This table applies to Day & Night shades in Cordless, Cord Loop, and Motorized applications only.

(For SmartFit Dual Shade, see fabric combinations here.)

2. D&N Fabric Combination Limitations – all combinations are available except for the following:

➤ **RD+RD, Sheer+Sheer, and Sheer+Windsong** combinations are not available for D&N systems.

\***Sheer** is only available as a top shade for Motorized Day & Night. For all other systems, Sheer is available as a top or bottom shade.

\***Windsong** is only available as a top shade for all Day & Night systems.

\***Solus** is only available as a bottom shade for all Day & Night systems.

\***LF+RD** is only available in 3/4" or 1 1/4" single cell sizes, including LF Designer and RD Designer, and the **RD shade** must be on the bottom.

3. All top and bottom shades must be ordered in the same cell size.

4. Sheer fabrics are not available in double cell sizes. When one double cell size is selected on the non-sheer shade, the nearest single cell size will be paired on the sheer shade:

- 1/2" Double non-sheer fabric pairs with a 3/4" Single Sheer fabric
- 3/4" Double non-sheer fabric pairs with a 1 1/4" Single Sheer fabric.

5. Fabric Exclusions: Woven Breeze and Flame Resistant (LF & RD) fabrics are not available in any Day & Night systems.

### Day & Night Fabric Combinations: Vertical Patio Door

Left or Right Shade	
Sheer	Light Filtering, Room Darkening, Designer
Light Filtering, LF Designer	Light Filtering, LF Designer
Light Filtering, LF Designer	Room Darkening, RD Designer

1. For Vertical Day & Night: Either fabric combinations can be specified on the left or right shade.

2. Left and right shades must be ordered in the same cell size.

3. Fabric Exclusions: Woven Breeze and Windsong, Solus, and Flame Resistant (LF & RD) fabrics are not available for Patio Door Vertical Day & Night.



## Option Reference Charts

Fabric type/cell size availability by operating system.

### Light Filtering & Room Darkening Fabrics

System	Light Filtering & Room Darkening				Sheer		
	(9/16" S)	(3/8"S)	(3/4"S & 1 1/4"S)	(1/2"D & 3/4"D)	(3/8"S)	(9/16" S) As D&N Shade Only	(3/4"S & 1 1/4"S)
SmartRise™ Cordless	✓	✓	✓	✓	✓	—	✓
Cordless TDBU	✓	✓	✓	✓	✓	—	✓
Cordless Day & Night	✓	✓	✓	✓	✓	✓	✓
Woven Cordless	—	—	—	—	—	—	—
Woven Cordless TDBU	—	—	—	—	—	—	—
SmartRelease™	✓	✓	✓	✓	✓	—	✓
Cord Loop	✓	✓	✓	✓	✓	—	✓
Cord Loop TD	✓	✓	✓	✓	✓	—	✓
Cord Loop Day & Night	✓	✓	✓	✓	✓	✓	✓
SmartFit®	✓	✓	✓	✓	✓	—	✓
SmartFit® Dual Shade	✓	✓	✓	✓	✓	✓	✓
SmartFit® for Sloped Windows	—	—	—	—	✓	—	—
SmartFit® with Frame	—	✓	—	—	✓	—	—
SmartFit® Dual Shade with Frame	—	✓	—	—	✓	—	—
SmartFit® for Sloped Windows with Frame	—	✓	—	—	✓	—	—
Motorized Bottom Up	✓	✓	✓	✓	✓	—	✓
Motorized Top Down	✓	✓	✓	✓	✓	—	✓
Norman Smart Motorized Bottom Up	✓	✓	✓	✓	✓	—	✓
Norman Smart Motorized TDBU	✓	✓	✓	✓	✓	—	✓
Norman Smart Motorized Day & Night	✓	✓	✓	✓	✓	✓	✓
Patio Door Vertical	—	—	✓	—	—	—	✓
Patio Door Vertical Day & Night	—	—	✓	—	—	—	✓
Specialty Shapes*	✓	✓	✓	✓	✓	—	✓

\*Specialty Shapes are not available in 3/4"D or 1 1/4"S cell sizes.

\*Motorized Day & Night has been discontinued.

### Woven & Designer Fabrics

System	Windsong	Breeze	Solus	Designer Light Filtering: Whispers			Designer Light Filtering		Designer Room Darkening	Flame Resistant LF & RD	
	(3/4"S & 1 1/4"S)	(3/4"S & 1 1/4"S)	(3/4"S & 1 1/4"S)	(3/8"S)	(3/4"S & 1 1/4"S)	(1/2"D & 3/4"D)	(3/8"S)	(3/4"S & 1 1/4"S)	(3/4"S & 1 1/4"S)	(3/8" S)	(3/4" S)
SmartRise™ Cordless	—	—	✓	✓	✓	✓	✓	✓	✓	✓	✓
Cordless TDBU	—	—	✓	✓	✓	✓	✓	✓	✓	✓	✓
Cordless Day & Night	✓	—	✓	✓	✓	✓	✓	✓	✓	—	—
Woven Cordless	✓	✓	—	—	—	—	—	—	—	—	—
Woven Cordless TDBU	✓	✓	—	—	—	—	—	—	—	—	—
SmartRelease™	✓	—	✓	✓	✓	✓	✓	✓	✓	✓	✓
Cord Loop	✓	—	✓	✓	✓	✓	✓	✓	✓	✓	✓
Cord Loop TD	✓	—	✓	✓	✓	✓	✓	✓	✓	✓	✓
Cord Loop Day & Night	✓	—	✓	✓	✓	✓	✓	✓	✓	—	—
SmartFit®	✓	—	✓	✓	✓	✓	✓	✓	✓	—	✓
SmartFit® Dual Shade	✓	—	✓	✓	✓	✓	✓	✓	✓	—	—
SmartFit® for Sloped Windows	—	—	—	✓	—	—	✓	—	—	✓	—
SmartFit® with Frame	—	—	—	✓	—	—	✓	—	—	✓	—
SmartFit® Dual Shade with Frame	—	—	—	✓	—	—	✓	—	—	—	—
SmartFit® for Sloped Windows with Frame	—	—	—	✓	—	—	✓	—	—	—	—
Motorized Bottom Up	—	—	✓	✓	✓	✓	✓	✓	✓	✓	✓
Motorized Top Down	—	—	✓	✓	✓	✓	✓	✓	✓	✓	✓
Norman Smart Motorized Bottom Up	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Norman Smart Motorized TDBU	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Norman Smart Motorized Day & Night	✓	—	✓	✓	✓	✓	✓	✓	✓	—	—
Patio Door Vertical	—	—	—	—	✓	—	—	✓	✓	—	✓
Patio Door Vertical Day & Night	—	—	—	—	✓	—	—	✓	✓	—	—
Specialty Shapes*	—	—	✓	✓	✓	✓	✓	✓	✓	—	—

\*Specialty Shapes are not available in 3/4"D or 1 1/4"S cell sizes.



## Mounting Depths

	Flush IB				Semi-IB			
	3/8" Single	9/16" Single	3/4" Single & 1/2" Double	3/4" Double & 1 1/4" Single	3/8" Single	9/16" Single	3/4" Single & 1/2" Double	3/4" Double & 1 1/4" Single
SmartRise™ Cordless	1 3/4"	1 3/4"	1 15/16"	2 11/16"	1 1/4"	1 1/4"	1 1/4"	1 7/16"
SmartRise™ Cordless (with light guard)	1 13/16"	1 13/16"	1 15/16"	2 3/4"	N/A	N/A	N/A	N/A
Cordless TDBU, Cordless Day & Night	1 15/16"	1 15/16"	1 15/16"	2 11/16"	1 1/4"	1 1/4"	1 1/4"	1 7/16"
Cordless TDBU, Cordless Day & Night (with light guard)	1 15/16"	1 15/16"	1 15/16"	2 3/4"	N/A	N/A	N/A	N/A
Cord Loop, Cord Loop TD, Cord Loop Day & Night, SmartRelease™	2 5/16"	2 5/16"	2 5/16"	2 11/16"	1 1/4"	1 1/4"	1 1/4"	1 7/16"
Cord Loop, SmartRelease™ (with light guard)	2 1/4"	2 1/4"	2 1/4"	2 3/4"	N/A	N/A	N/A	N/A
Cord Loop TD, Cord Loop Day & Night (with light guard)	2 5/16"	2 5/16"	2 5/16"	2 3/4"	N/A	N/A	N/A	N/A
Woven Cordless, Woven Cordless TDBU	NA	NA	2 1/8" for 3/4 " Single	2 11/16" for 1 1/4" Single	NA	NA	1 5/16" for 3/4 " Single	1 1/2" for 1 1/4" Single
SmartFit®, SmartFit® Dual Shade (with mounting plate)	1 1/4"	1 7/8"	1 7/8"	2 5/8"	NA	NA	NA	NA
SmartFit®, SmartFit® Dual Shade (with light guard)	1 5/16"	1 7/8"	1 7/8"	2 11/16"	NA	NA	NA	NA
SmartFit® for sloped windows	1 3/8"	NA	NA	NA	NA	NA	NA	NA
SmartFit® for sloped windows (with light guard)	1 7/16"	NA	NA	NA	NA	NA	NA	NA
Specialty Shapes	1 3/4"	2 1/8"	2 5/8"	NA	NA	NA	NA	NA
Vertical, Vertical Day & Night (with Installation bracket)	NA	NA	3 1/16" for 3/4" Single	3 1/16" for 1 1/4" Single	NA	NA	1 1/4" for 3/4" Single	1 1/4" for 1 1/4" Single
Vertical, Vertical Day & Night (Without Installation Bracket)	NA	NA	3 1/16" for 3/4" Single	3 1/16" for 1 1/4" Single	NA	NA	1 9/16" for 3/4" Single	1 9/16" for 3/4" Single

\*\*See Motorization Specifications for motorized mounting depths.

\*The min mounting depth may vary slightly for the systems marked "new", depending on the installation bracket provided. (See Mounting Hardware for new brackets.) The switch from the current bracket to the new one is a running change. **For the same order, only the same style of brackets will be used.**

# Portrait™ Honeycomb Shades

## Mounting Hardware

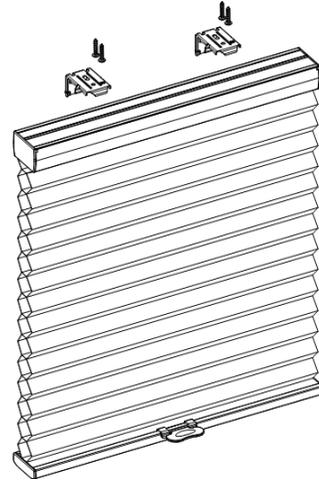
Lift System	Cell Sizes	Bracket	Lift System	Cell Sizes	Bracket
SmartRise Cordless	9/16" 3/8" S		SmartFit, SmartFit Dual Shade	3/8" S 9/16" 3/4" S 1/2" D 3/4" D 1 1/4" S	
SmartRise Cordless	3/4" S 1/2" D		Cordless & Cordless TDBU for Woven Fabrics	3/4" S	
Cordless TDBU, Cordless Day & Night	3/8" S 9/16" S 3/4" S 1/2" D			1 1/4" S	
SmartRise Cordless, Cordless TDBU, Cordless Day & Night, SmartRelease, Cord Loop, Cord Loop TD, Cord Loop Day & Night, Motorization	3/4" D 1 1/4" S		Specialty Shapes	3/8" S	
Vertical Patio Door, Vertical Day & Night  (Installation Bracket is Optional for IB)	3/4" S 1 1/4" S			9/16" S	
SmartRelease, Cord Loop, Cord Loop TD, Cord Loop Day & Night, Motorization	3/8" S 9/16" S 3/4" S 1/2" D				1/2" D 3/4" S
SmartFit For Sloped Windows (Top Headrail)	3/8" S		SmartFit for Sloped Windows (Bottom Rail)	3/8"	

## Lift Systems - Cordless

### SmartRise™ Cordless (Bottom Up)



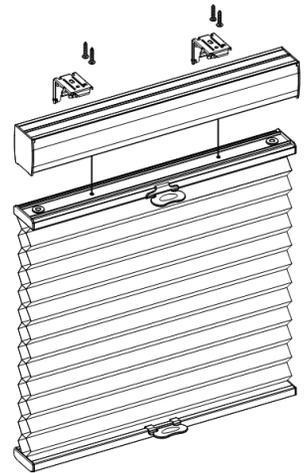
- SmartRise™ Cordless system for precise, smooth and reliable operation . Simply lower and stop at any position to lock your shade in place.
- The perfect solution for homes with children and pets.
- Easy to operate, and eliminates cords for a streamlined appearance.



### Cordless TDBU (Top Down/Bottom Up)



- Adjusts from the top or from the bottom securely.
- No dangling cords for a safer solution.
- Control light and privacy with ease.



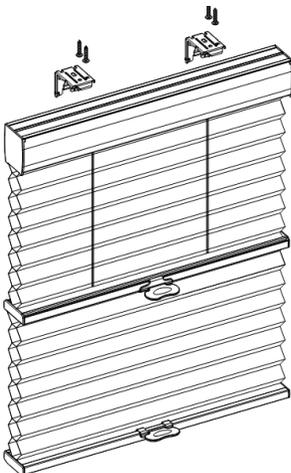
### Cordless Day & Night



- Control the amount of light or privacy level by switching between two different fabrics.
- Sheer fabric can be on top (recommended), or bottom.

When sheer fabric ordered as the bottom, certain components in the mid rail and bottom rail may become visible through the sheer fabric when the shade is in a lowered position.

- The color of the cord coordinates with the sheer fabric.
- Available in all cell sizes



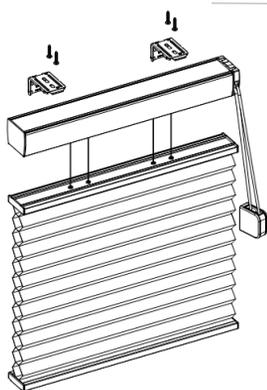
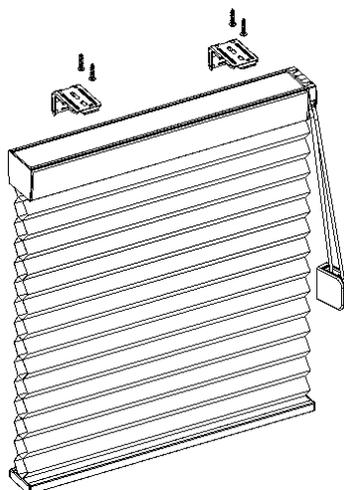
	Order Width	Handle QTY
Cordless	X ≤ 72"	1
	X > 72"	2
Cordless TDBU / Cordless D&N	X ≤ 72"	2
	X > 72"	4

## Lift Systems – Cord Loop & SmartRelease

### Cord Loop/SmartRelease™

- This option features a clutch that makes raising and lowering extremely wide shade easier.
- The circular cord will remain at the same length no matter which position the shade is raised. The shade can be easily adjusted to any height and will hold its position automatically.
- Covers extra wide windows.

**SmartRelease™:** This **exclusive** and **patent-pending** innovation to cord loop systems allows the shade to be released or lowered from an upward position with a gentle pull.

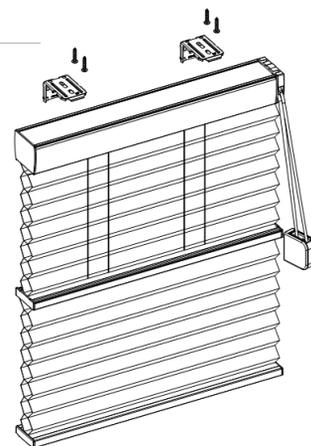


### Cord Loop TD (Top Down)

- Convenient light and privacy control by raising and lowering the mid rail.
- Easy to operate cord loop system.
- Covers extra wide windows.

### Cord Loop Day & Night

- Control the amount of light or privacy level by switching between two different fabrics.
- Sheer fabric can be on top (recommended), or bottom. \*When sheer fabric ordered on the bottom, certain components in the mid rail and bottom rail may become visible through the sheer fabric when the shade is in a lowered position.



#### Cord Loop Length (Y2)

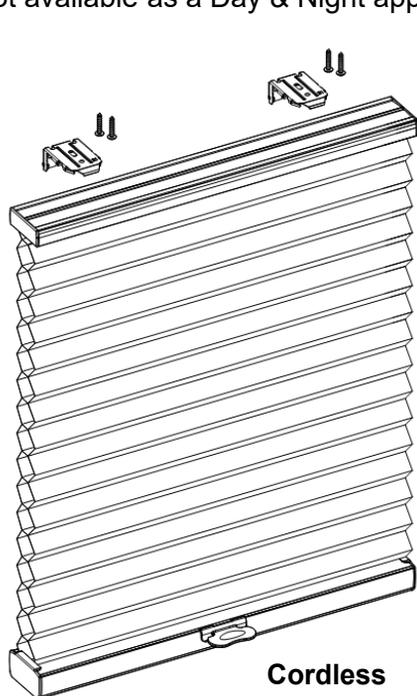
Shade Height (Y)	Default Cord Length
Y ≤ 30"	16"
30" < Y ≤ 42"	24"
42" < Y ≤ 54"	36"
54" < Y ≤ 66"	48"
66" < Y ≤ 90"	60"
Y > 90"	84"
Shade Height (Y)	Custom Cord Length
All Shade Heights	Min: Must be at least 6" Max: Must not exceed 3x the order height.

System	Control Location		
	Shade Type	Default	Optional
Cord Loop, SmartRelease™	Single Shade	Right	Left
	2-on-1 (*not available for SmartRelease™)	Left shade: left Right shade: Right	N/A
Cord Loop TD, Cord Loop Day & Night	Single Shade	Right	Left

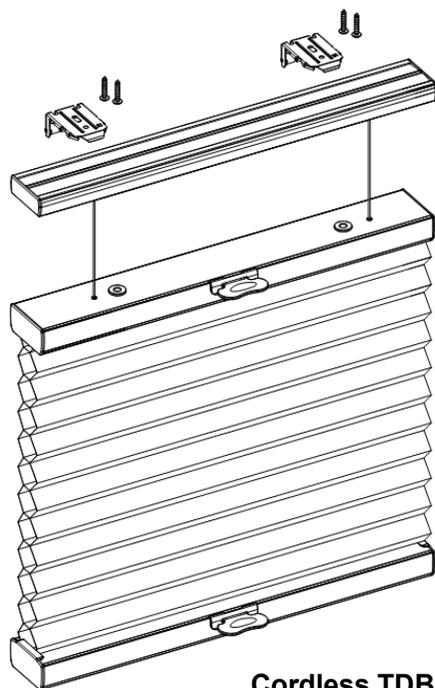
## Lift Systems – Cordless / Cordless TDBU for Woven Fabrics

High-design textures and materials specially curated for a new generation of quality, style and luxury.

- Woven fabric collections: **Windsong & Breeze**
- 3/4" Single & 1 1/4" Single cell only
- Available in Woven Cordless & Woven Cordless TDBU systems
  - Dedicated cordless operating systems for woven fabrics.
  - Select woven fabrics also available in other lift systems. [See fabric availability chart.](#)
- Available as a single shade or 2-on-1 headrail
- Not available as a Day & Night application



**Cordless**



**Cordless TDBU**

### Woven Cordless Operating System

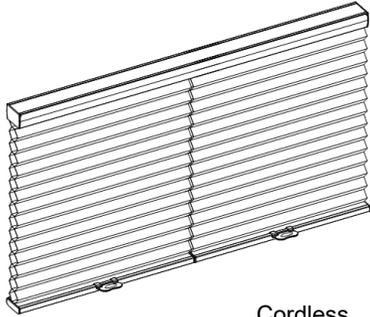
- Shades ordered with our new woven honeycomb fabrics will come in the unique system where the operating mechanism is housed in the bottom rail and not the headrail.
- Matching Woven fabrics with other Honeycomb Fabrics:  
 Since Cordless for Woven and SmartRise™ Cordless have notably different rail sizes, the two shades types will look visibly different from each other when placed next to each other. Keep this in mind when ordering woven fabrics with other shades in the same room, or in the same home.

	Order Width	Handle QTY
Woven Cordless	$X \leq 72"$	1
	$X > 72"$	2
Woven Cordless TDBU	$X \leq 72"$	2
	$X > 72"$	4

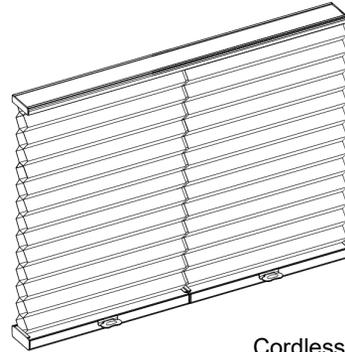
## Lift Systems - 2 on 1 Shades / Side by Side Options

### 2 on 1 Shades

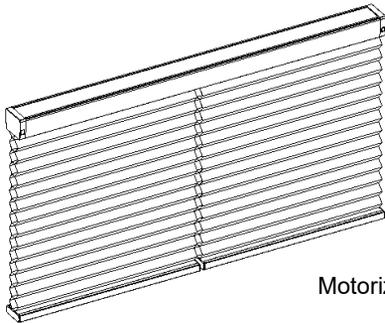
- Two independent working shades, on one headrail for a more uniform and consistent look.
- The control locations will be on the left of the left shade, and right of the right shade- as depicted below. To ensure the long term performance of the shade, the control location cannot be changed for 2-on-1 shades.
- Available in the following lift systems only:



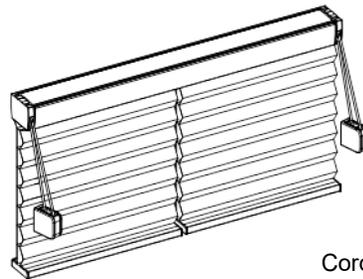
Cordless



Cordless (Woven)



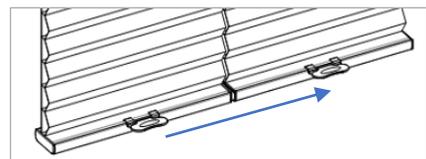
Motorized Bottom Up



Cord Loop

### Side by Side

- When Side by Side is selected, magnets will be added to ensure rail alignment. Availability is based on criteria below. Cell alignment or exact shade height at a fully lowered position is not guaranteed.
- **Side by Side Shades must be ordered at the same time and must be identical in the following.**
  - Mount type
  - Lift system
  - Fabric color
  - Shade height
  - Cell size
- **\*There are no exceptions to the above Side by Side criteria. Out-of-spec requests will be disregarded.**
- Available for all lift systems except for: Motorized applications, SmartFit with Frame applications and SmartFit for Sloped Windows applications.
- Handle QTY is for Side by Side cordless shades



	Order Width	Handle QTY per shade
Cordless / Woven Cordless	$X \leq 72"$	1
	$X > 72"$	2

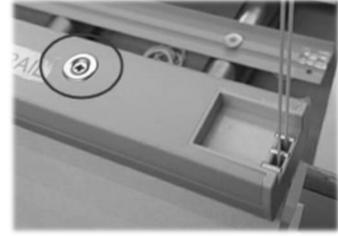
# Portrait™ Honeycomb Shades

## Lift Systems – SmartFit, SmartFit for Sloped Windows

SmartFit®

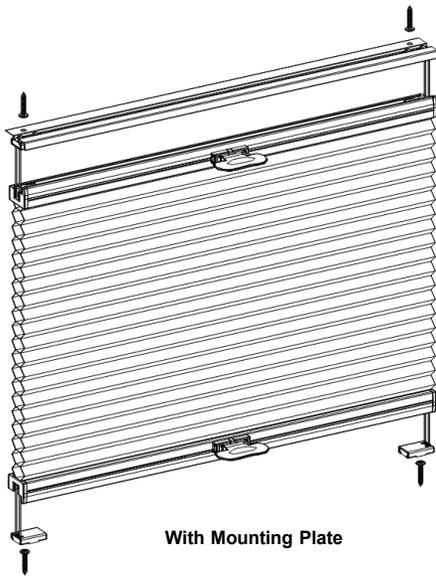


- Adjust your privacy level by lowering the shade from the top to let in natural light or raising the shade from the bottom like a traditional cordless shade.
- No dangling pull cords for enhanced child and pet safety.
- Exclusive concealed cord equalizer housing for a clean look
- Works like cordless TDBU without the cords in the center; inside or outside mount
- Available in all cell sizes
- Suitable for windows up to 0~15°
- For 3/4" Single & 1/2" Double only: When multiple SmartFit shades for the same window opening are ordered (or specified as **side by side**), magnets will be moved towards the center- not on the ends of the rails. This is to prevent shades from attracting each other.



**Mounting Plate**  
 3/8" S, 3/4" S, 9/16" & 1/2" D  
 Default: Yes; Optional: No

3/4" D, 1 1/4" S  
 Standard (required)



With Mounting Plate

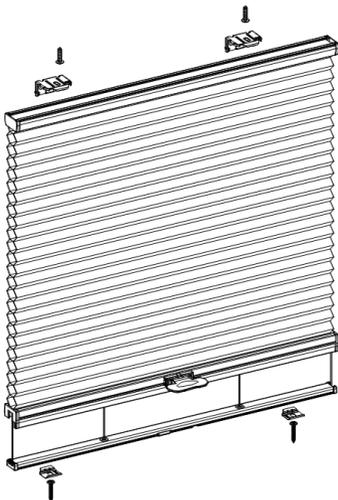
Cell Sizes	Shade Width (X)	Inner Cord* Qty#
3/8" S	X ≤ 50"	2
	X > 50"	3
3/4"S, 1/2"D, 9/16"S	X < 47"	2
	X ≥ 47"	4
3/4"D, 1 1/4"S	All Width	4

\*The inner cords within the shade may be visible in some sheer fabrics.

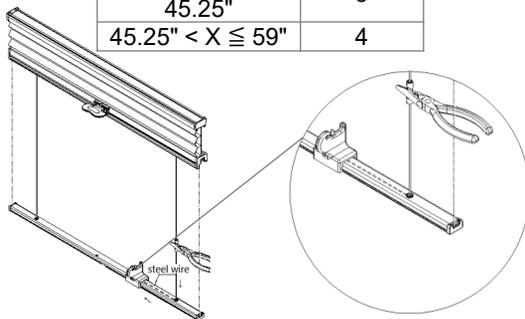
	Order Width	Handle QTY
SmartFit (3/8"S max is 50")	X ≤ 50"	2
	X > 50"	4
SmartFit for Sloped Windows	X ≤ 50"	1
	X > 50"	2

### SmartFit® for Sloped Windows

- Available in 3/8" single cell only
- Operates as bottom up
- Suitable for windows up to 45°~90°



Shade Width (X)	Metal Wire Qty
8.5" ≤ X ≤ 31.5"	2
31.5" < X ≤ 45.25"	3
45.25" < X ≤ 59"	4



### Regulator

To tighten the steel wires, we recommend using a pair of pliers to pull the steel wire towards the bottom rail and then adjust the regulator pin to draw the steel wire. Be sure to place a cloth or a barrier between the pliers and steel wire to avoid breaking the wire.



## Lift Systems - SmartFit Dual Shade, SmartFit Dual Shade with Frame

### SmartFit® Dual Shade

- Two individual SmartFit shades that operate independently, allowing for more fabric combinations
- Works like cordless TDBU without the cords in the center; inside or outside mount
- Suitable for windows up to 15° in slope
- For 3/4" Single: When multiple SmartFit shades for the same window opening are ordered (or specified as side by side), magnets will be moved towards the center- not on the ends of the rails. This is to prevent shades from attracting each other.
- Suitable for windows up to 0~15°

### Fabric combinations

- All fabric types (except FR and Woven Breeze) can be combined as top or bottom shades; no fabric type defaults.
  - Sheer + RD, LF, Windsong, Designer
  - Or combine same fabric types (LF + LF, etc.)

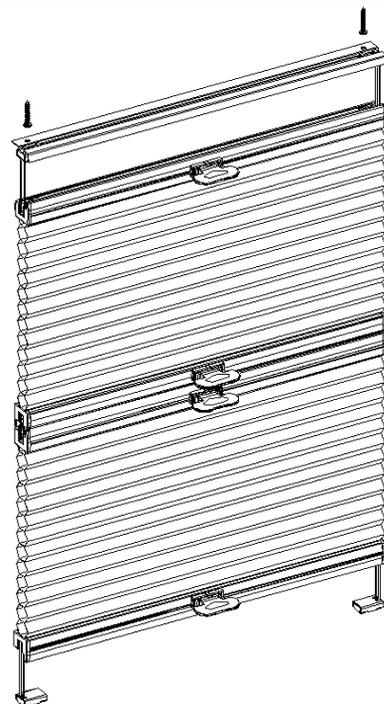
### Cell Sizes

- Available in same cell size combinations only.
- \*Not available in (OB) large cell sizes: 3/4"D & 1 1/4"S

SmartFit Dual Shade Cell Combinations	
Top	Bottom
3/8" Single	3/8" Single
9/16" Single	9/16" Single
3/4" Single	3/4" Single
1/2" Double	1/2" Double
3/4" Double*	3/4" Double*
1 1/4" Single*	1 1/4" Single*

**Mounting Plate**  
 3/8" S, 3/4" S, 9/16" & 1/2" D  
 Default: Yes; Optional: No

**3/4" D, 1 1/4" S**  
 Standard (required)



### SmartFit® Dual Shade with Frame

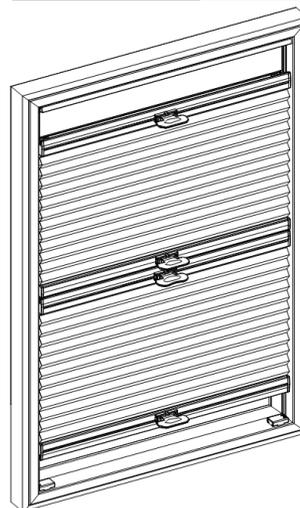
- All fabric types (except FR and all Woven fabrics) can be combined as top or bottom shades available in 3/8" Single cell

SmartFit Dual Shade with Frame Cell Combinations	
Top	Bottom
3/8" Single	3/8" Single

- Each shade between t-posts are still limited to a single SmartFit Dual shade

	Width (Net)		Height		Max Area
	Min	Max	Min	Max	
<b>SmartFit® Dual Shade (3/8" S)</b>	8 1/2"	50"	12"	86"	43 SQFT

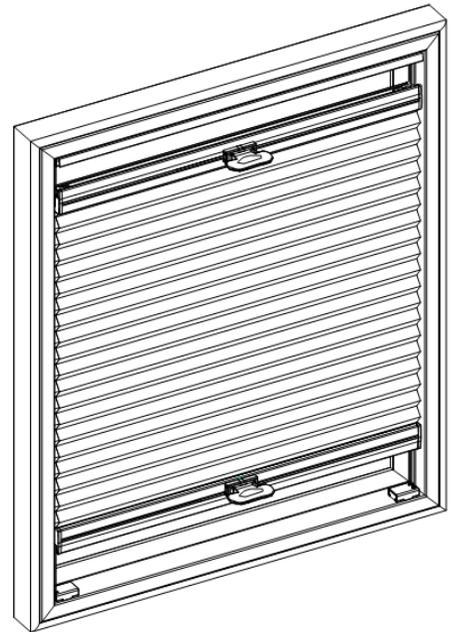
	Order Width	Handle QTY
SmartFit Dual (3/8"S max is 50")	X ≤ 50"	4
	X > 50"	8



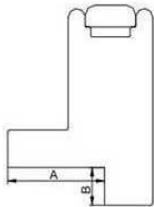
## Lift Systems - SmartFit with Frame

### SmartFit® with Frame

- Perfect solution for French doors or any window
- Adjusts from the top or from the bottom securely with no dangling cords
- Can be mounted as inside or outside mount
- Available in 3/8" Single cell only
- Available frame styles:
  - Vintage L Frame with Insert (1/4" Light Block)
  - Vintage L Frame with Insert (3/4" Light Block)  
**(Only available with notch out option)**
  - Vintage Hang Strip with Insert (No Light Block)
  - Beaded L frame
  - 1 1/4" Beaded Z Frame
  - 1 1/2" Bullnose Z Frame
  - 2" Belair Z frame
  - 2" Bullnose Z Frame
  - 3" Crown Z Frame
  - 2" Camber Deco Frame
  - 2" Classic Deco Frame
  - 3" Ridge Deco Frame
- Frames are available as 4-sided frames or 3-sided frames with a sill plate at the bottom
  - Sill plates are optional for Z and Deco frames only.
- T Posts are optional for all frame types
- Notch out for Vintage L Frame with 3/4" Light Block:

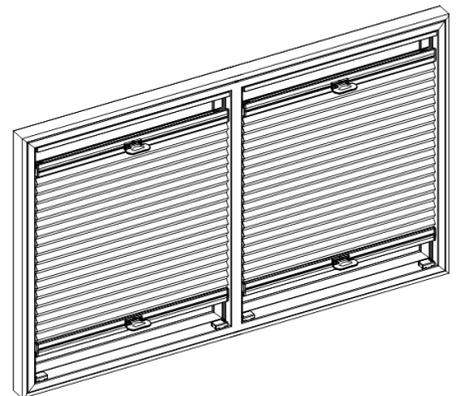


SmartFit® with Frame  
with Vintage L frame



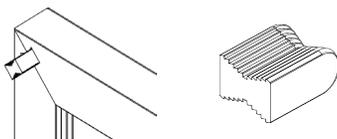
Notch-out size limitation:  
 $A \leq 1 \frac{1}{8}"$   
 $B \leq \frac{1}{2}"$

Notch-out is allowed on the light block area.



SmartFit® with Frame with  
Vintage L frame and T post

- Featuring a 4-dovetail key solution for an easy installation



Dovetail key displayed with L frame

	Order Width	Handle QTY
SmartFit with Frame (per shade)	$X \leq 50"$	2

## Lift Systems - SmartFit with Frame

### SmartFit® with Frame

- Only max frame to frame measurements will be accepted
  - Width: measure from the left edge of the left frame to the far right edge of the right frame
  - Height: measure from the top edge of the top frame to the bottom edge of the bottom frame



	Frame to Frame Width				Frame to Frame Height
	NO T-post 1 Shade	1 T-post 2 Shades	2 T-posts 3 Shades	3 T-posts 4 Shades	
<b>Vintage L &amp; Beaded L Frame / Hang Strip</b>					
Min	10 1/2"	20"	29 1/2"	39"	8"(SmartFit) / 14"(SmartFit DNN)
Max	51 3/4"	102 3/4"	153 3/4"	204 3/4"	87 3/4"
<b>1 1/4" Beaded Z Frame</b>					
Min	11 1/4"	20 3/4"	30 1/4"	39 3/4"	8 3/4" (SmartFit) / 14 3/4" (SmartFit DNN)
Max	52 1/2"	103 1/2"	154 1/2"	205 1/2"	88 1/2"
<b>1 1/2" Bullnose Z Frame</b>					
Min	11 3/4"	21 1/4"	30 3/4"	40 1/4"	9 1/4" (SmartFit) / 15 1/4" (SmartFit DNN)
Max	53"	104"	155"	206"	89"
<b>2" Camber &amp; Classic Deco Frame / 2" Belair &amp; Bullnose Z Frame</b>					
Min	12 3/4"	22 1/4"	31 3/4"	41 1/4"	10 1/4" (SmartFit) / 16 1/4" (SmartFit DNN)
Max	54"	105"	156"	207"	90"
<b>3" Ridge Deco Frame / 3" Crown Z Frame</b>					
Min	14 3/4"	24 1/4"	33 3/4"	43 1/4"	12 1/4" (SmartFit) / 18 1/4" (SmartFit DNN)
Max	56"	107"	158"	209"	92"

- Each shade between t-posts is limited to a single SmartFit® shade

	Width (Net)		Height		Max Area
	Min	Max	Min	Max	
<b>SmartFit® (3/8" S)</b>	8 1/2"	50"	6"	86"	30 SQFT

### Conversion Chart

Frame	Frame thickness *	Standard IM Deduction	Conversion Window Size to Max Frame to Frame	
			Inside Mount (IM)	Outside Mount (OM)**
Vintage L Frame with Insert (1/4" Light Block)	7/8" (x2)	zero	MFF = Window Size - customer determined deduction	MFF = Window Size + 1 3/4"
Vintage L Frame with Insert (3/4" Light Block)	7/8" (x2)	zero		
Vintage Hang Strip with Insert (No Light Block)	7/8" (x2)	zero		
Beaded L frame	7/8" (x2)	zero	MFF = Window Size - 1/8" + 6/8" (5/8")	N/A
1 1/4" Beaded Z Frame	3/8" (x2)	1/8"		
1 1/2" Bullnose Z Frame	5/8" (x2)	1/8"		
2" Belair Z frame	1 1/8" (x2)	1/8"		
2" Bullnose Z Frame	1 1/8" (x2)	1/8"	MFF = Window Size - 1/8" + 2 1/4" (2 1/8")	MFF = Window Size + 4"
3" Crown Z Frame	2 1/8" (x2)	1/8"	MFF = Window Size - 1/8" + 4 1/4" (4 1/8")	
2" Camber Deco Frame	2" (x2)	N/A	N/A	
2" Classic Deco Frame	2" (x2)	N/A	N/A	MFF = Window Size + 4"
3" Ridge Deco Frame	3" (x2)	N/A		MFF = Window Size + 6"

\* Z Frames - portion of frame that is outside of the window opening

\*\*Conversion considers light block inside the window opening

## Lift Systems - SmartFit with Frame

### Special Note for calculating max frame to frame measurements for Z frames

Z frames are inside mounted frames. The body of the frame must fit within the window opening with only the outer lip of the frame residing outside of the window. Since the body of the frame must fit within the window opening we recommend taking a 1/16" deduction from each side of the smallest width and smallest height for an overall total of 1/8" to ensure the frame will fit within the opening. If the window is more than 1/4" out of square a larger deduction should be taken.

To calculate the max frame to frame width and height, first measure the window opening and deduct 1/16" from the smallest width and height of each side for an overall total of 1/8". Add the measurements (smallest window sizes minus the 1/8" deduction) to the portion of the Z frame lip that will be mounted outside of the window opening to arrive at the max frame to frame measurements.

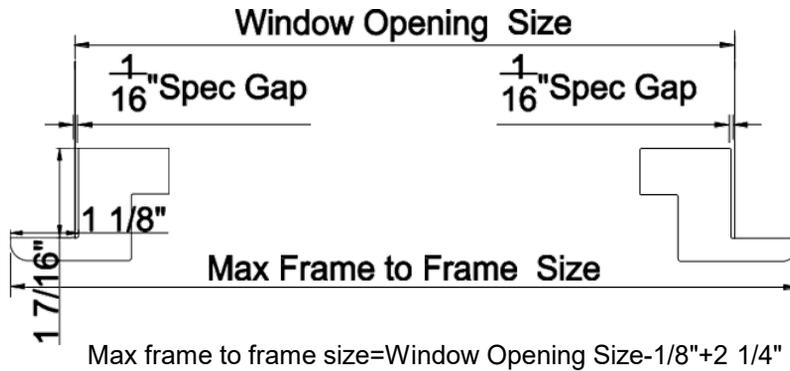
1 1/4" Beaded Z	0.375"
1 1/2" Bullnose	0.625"
2" Belair & Bullnose	1.125"
3" Crown	2.125"

Fractions to decimals	
1/16	0.0625
1/8	0.125
1/4	0.25
3/8	0.375
1/2	0.5
5/8	0.625
3/4	0.75
7/8	0.875

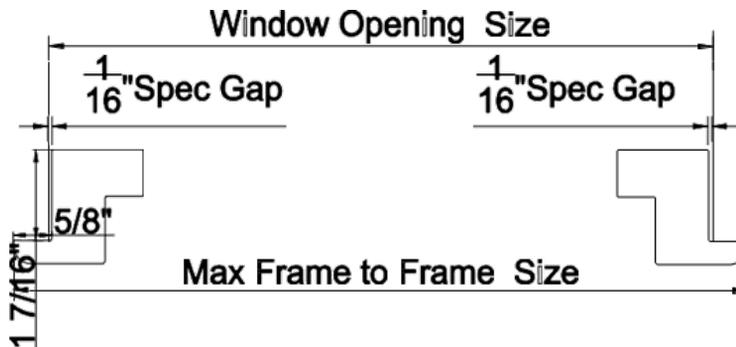
**Example:** For a 36" x 60" window opening using a 2" Bullnose Z frame:

$36 - (2 \times 0.0625) = 35.875"$  wide +  $(2 \times 1.125) = 38.125"$  max frame to frame width  
 $60 - (2 \times 0.0625) = 59.875"$  tall +  $(2 \times 1.125) = 62.125"$  max frame to frame height

### 2" Bullnose Z Frame



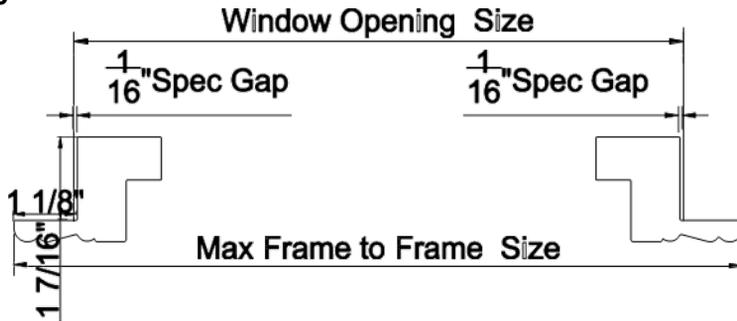
### 1 1/2" Bullnose Z Frame



Max frame to frame size = Window Opening Size - 1/8" + 1 1/4"

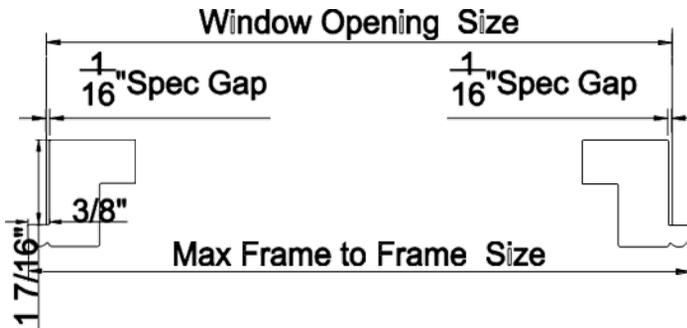
## Lift Systems - SmartFit with Frame

### 2" Belair Z frame



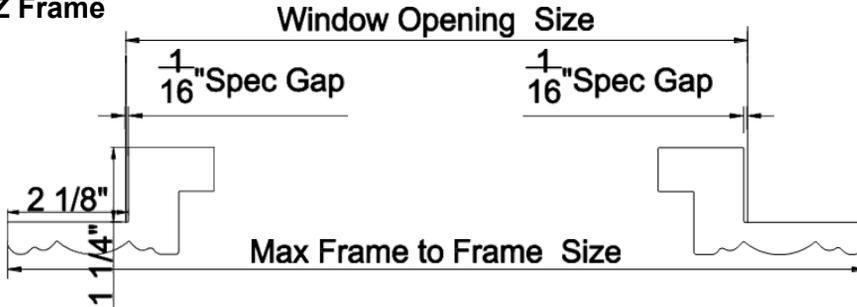
Max frame to frame size = Window Opening Size -  $\frac{1}{8}$ " +  $2\frac{1}{4}$ "

### 1 1/4" Beaded Z Frame



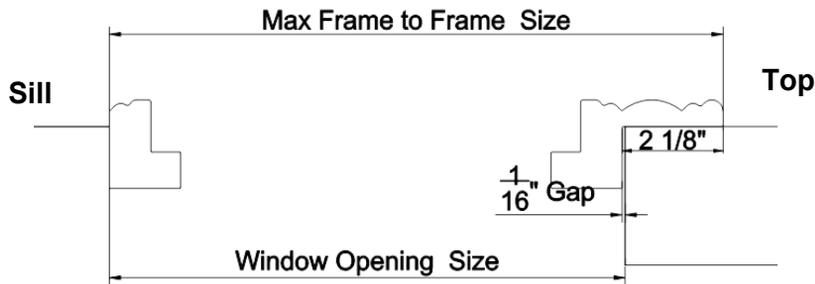
Max frame to frame size = Window Opening Size -  $\frac{1}{8}$ " +  $\frac{3}{4}$ "

### 3" Crown Z Frame



Max frame to frame size = Window Opening Size -  $\frac{1}{8}$ " +  $4\frac{1}{4}$ "

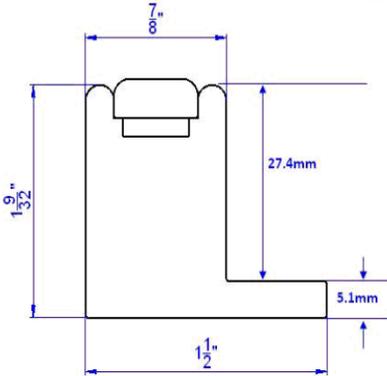
For orders using sill plates, subtract the recommended deductions and add the top lip measurement to the height only.



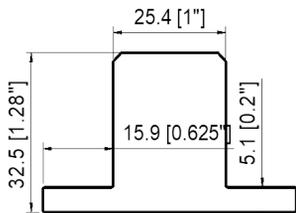
## Lift Systems - SmartFit with Frame

### Frame, and T-Post Options

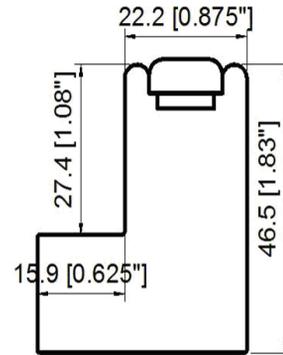
#### L Frames & Hang Strip



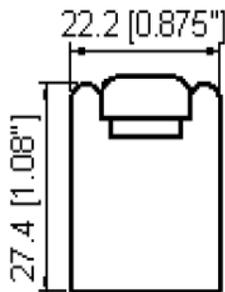
**Vintage L Frame with Insert  
(1/4" Light Block)**



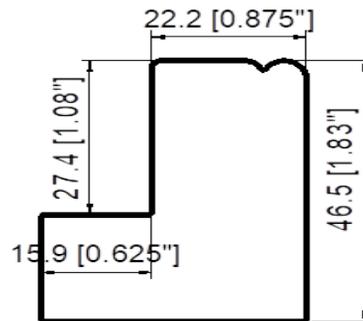
**(Optional T Post)**



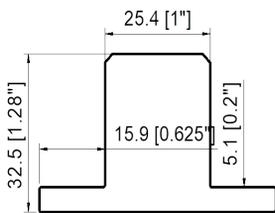
**Vintage L Frame with Insert  
(3/4" Light Block)  
Available with Notch Out Only**



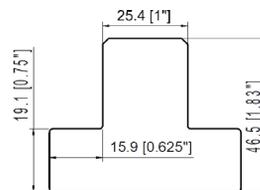
**Vintage Hang Strip**



**Beaded L frame**



**(Optional T Post)**

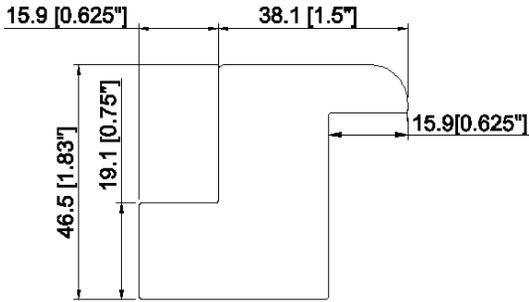


**(Optional T Post)**

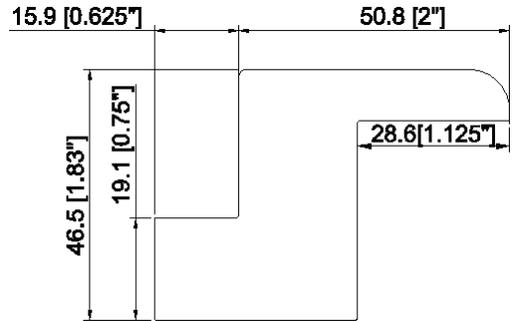
## Lift Systems - SmartFit with Frame

### Frame, T-Post and Sill Plate Options

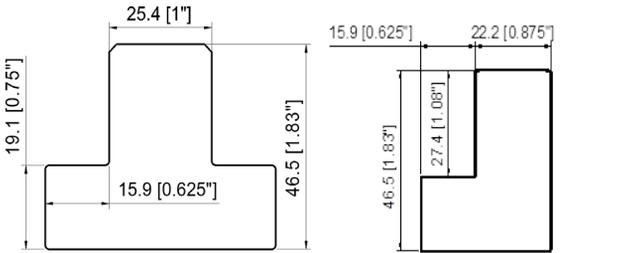
#### Z Frames



1 1/2" Bullnose Z Frame

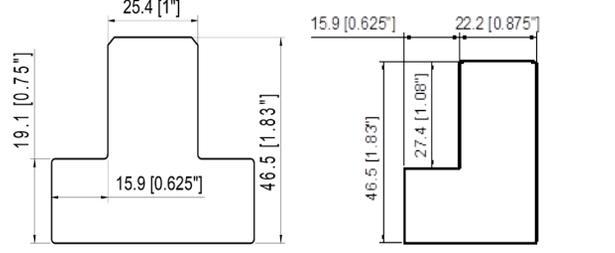


2" Bullnose Z Frame



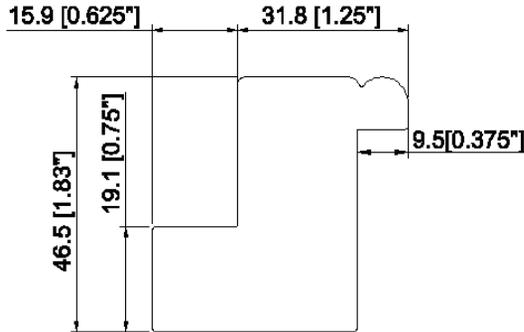
(Optional T Post)

(Optional Sill Plate)

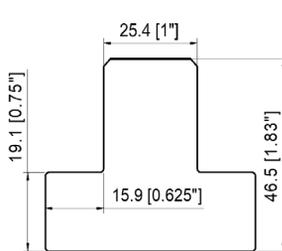


(Optional T Post)

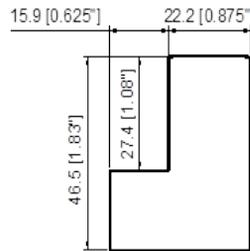
(Optional Sill Plate)



1 1/4" Beaded Z Frame



(Optional T Post)

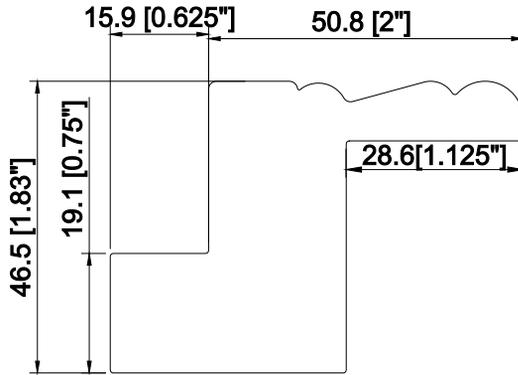


(Optional Sill Plate)

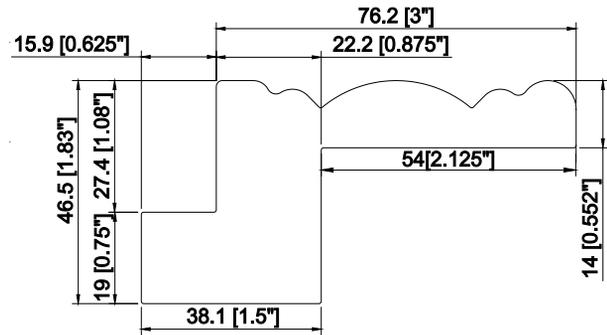
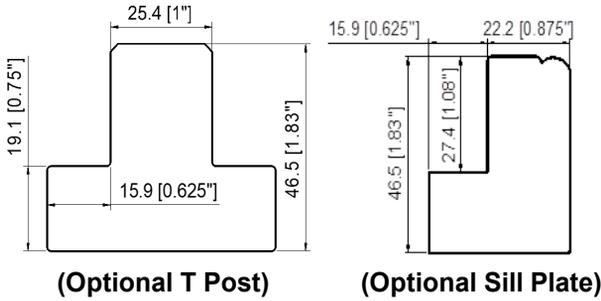
## Lift Systems - SmartFit with Frame

### Frame, T-Post and Sill Plate Options

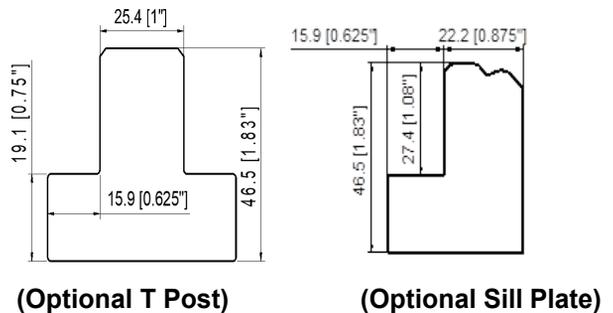
#### Z Frames



#### 2" Belair Z Frame



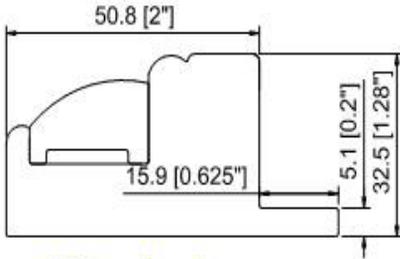
#### 3" Crown Z Frame



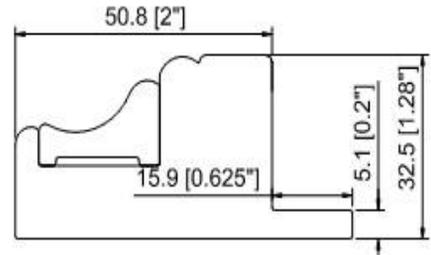
## Lift Systems - SmartFit with Frame

### Frame, T-Post and Sill Plate Options

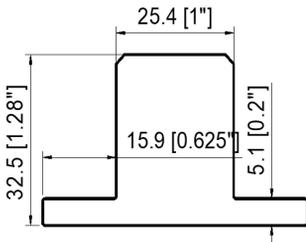
#### Deco Frames



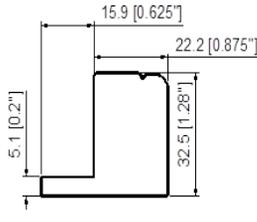
**2" Camber Deco Frame**



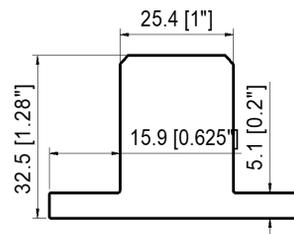
**2" Classic Deco Frame**



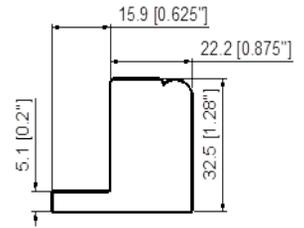
**(Optional T Post)**



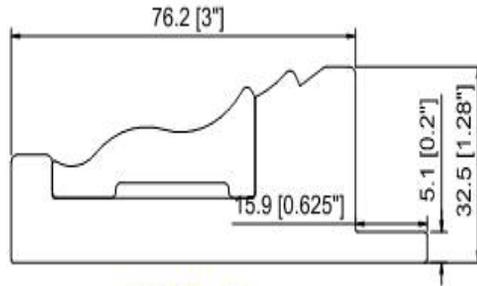
**(Optional Sill Plate)**



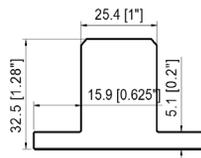
**(Optional T Post)**



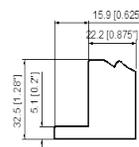
**(Optional Sill Plate)**



**3" Ridge Deco Frame**



**(Optional T Post)**



**(Optional Sill Plate)**

## Lift Systems - SmartFit with Frame

### T-Post Options

T-posts are a great option for:

- Covering wide windows
- A seamless solution for side by side windows

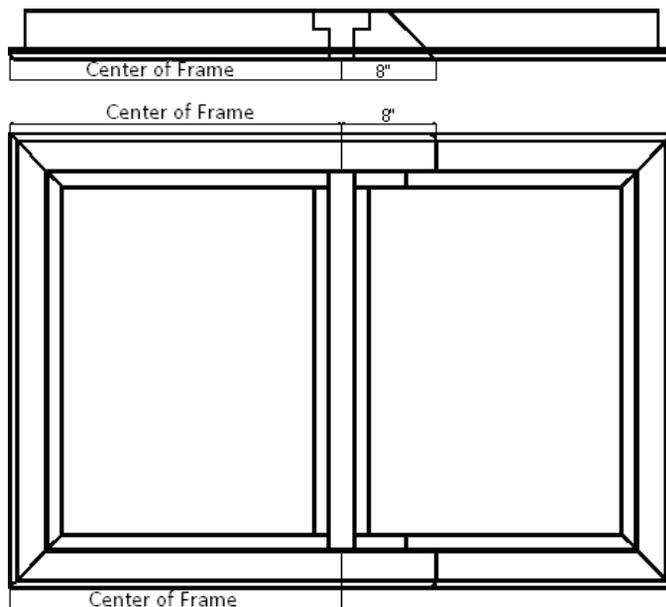
Each frame can have up to 3 T-posts which allows for 4 side by side shades

The Max Frame to Frame width and height for each frame type are outlined below

Frame + T - Post:

For frame (with T post) width > 120", the frame will be split. The split point will avoid the T-post location. Spliced away from the T-post.

Frame Type	Frame Width
ALL	120" < X ≤ 209" (2 pcs)



## Lift Systems - SmartFit with Frame

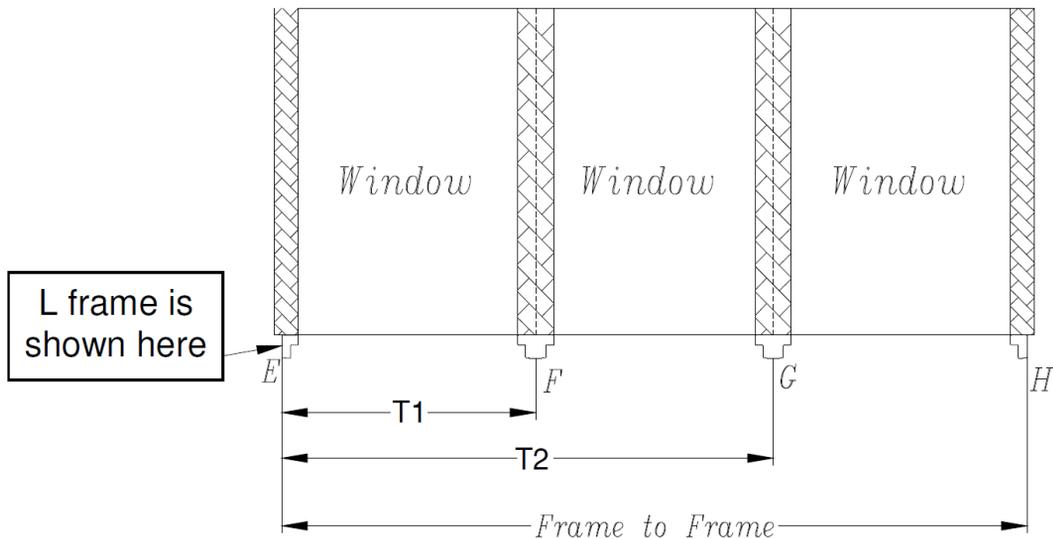
### T-Post Measure Guidelines

T Post can be used to

- Divide a window vertically to match the window design with mullion
- Accommodate wider window opening/window with mullion

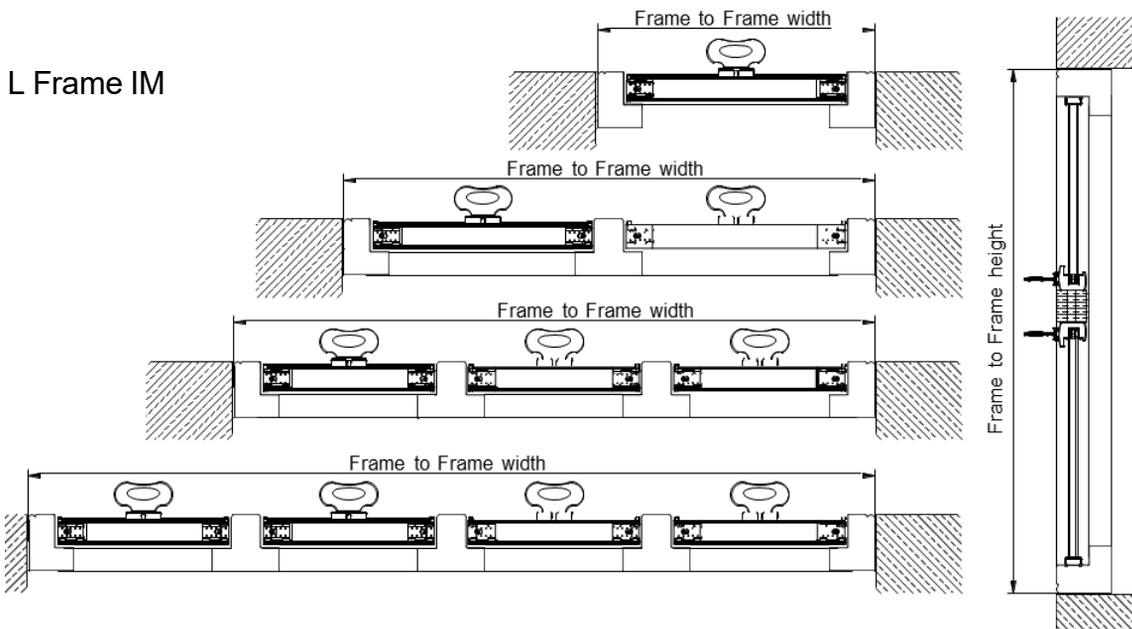
#### Measuring T Post location for Max Frame to Frame

1. T1 = measure point E to point F
2. T2 = measure point E to point G
3. Measure from point E to point H for overall Max Frame to Frame size.

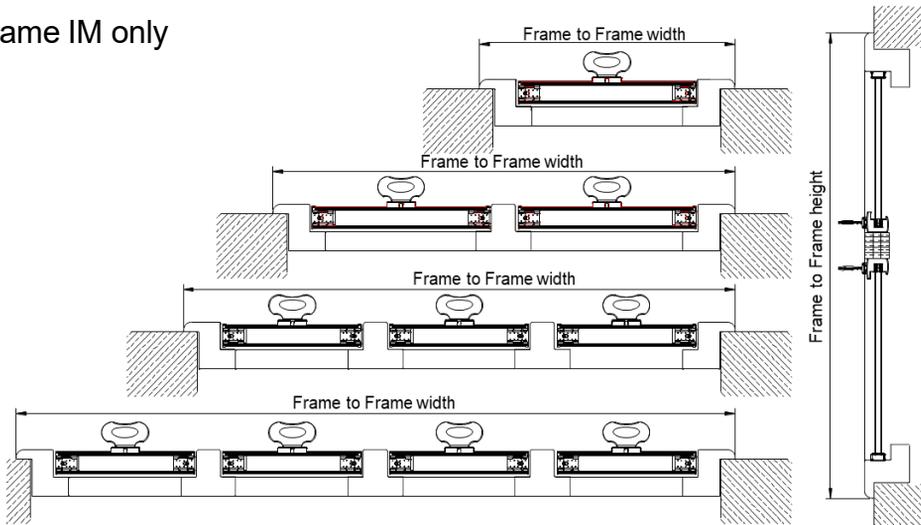


## Lift Systems - SmartFit with Frame

### Max Frame to Frame Size:

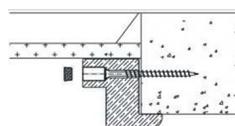
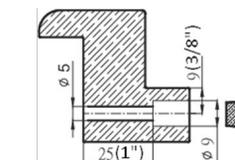


### Z Frame IM only

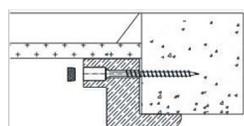
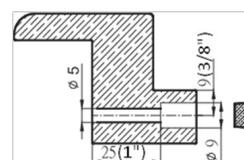


\* The center of the screw hole to the top edge of Z frame is 3/8". The window depth should be enough to avoid the plaster thickness for proper installation.

\* It's recommended to take 1/16" deduction for each side (1/8" deduction for both sides) from the window to get max frame to frame size for IB.



1.5" Bullnose Z Frame

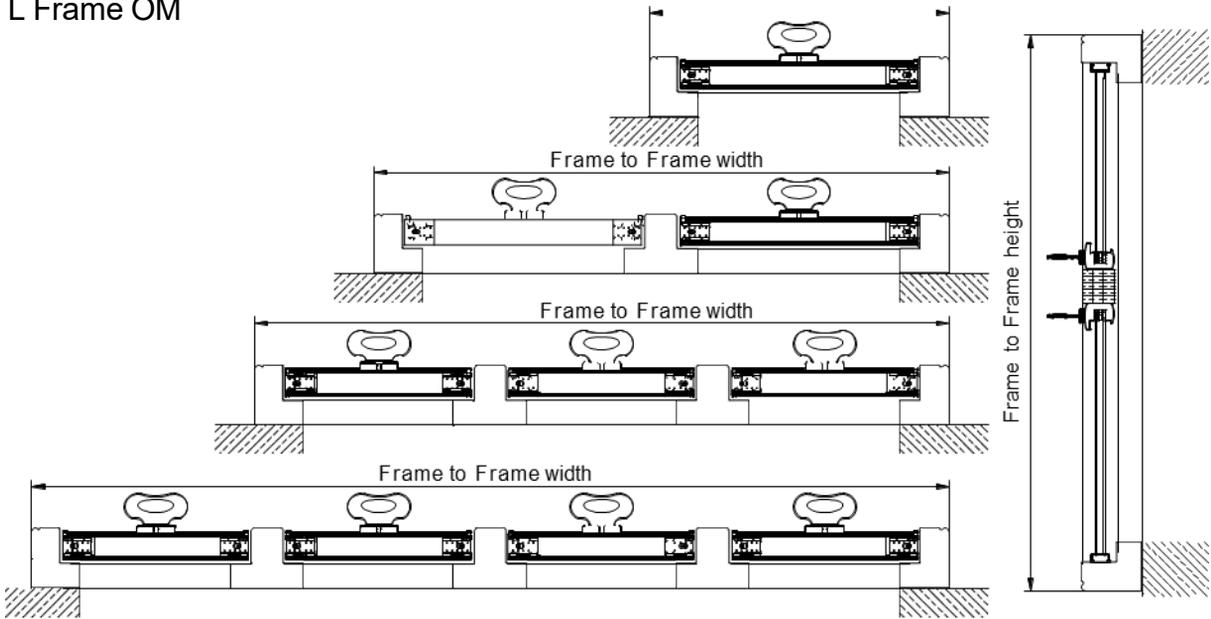


2" Bullnose Z Frame

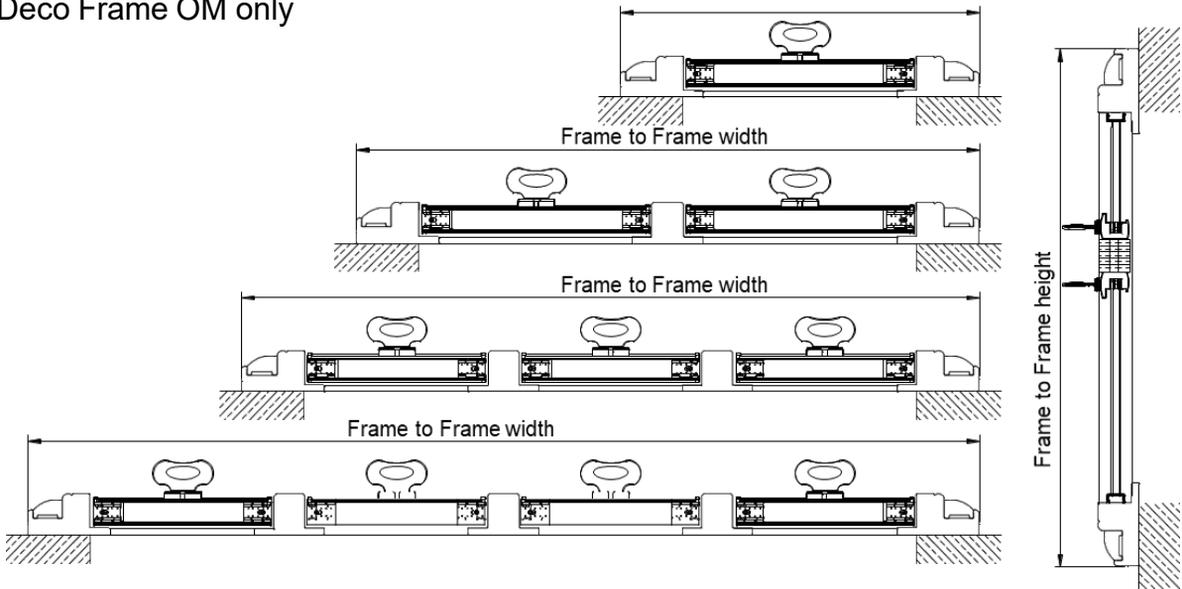
## Lift Systems - SmartFit with Frame

Max Frame to Frame Size:

L Frame OM



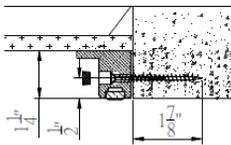
Deco Frame OM only



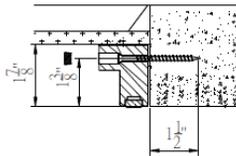
### Inside Mount – L Frame & Hang Strip

#### Measuring for door with or without trim around the glass

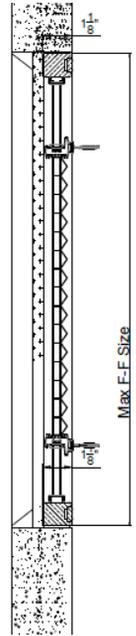
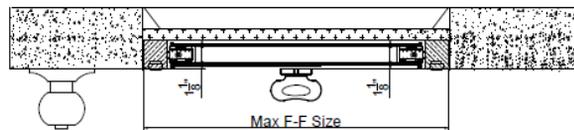
- **Our Recommendation:** take a 1/16" deduction on each side from the window area to get the max frame to frame size.
- Minimum distance of 3/4" is required for installing the L frame.
- L frame thickness:
  - 1 1/4" for 1/4" light block



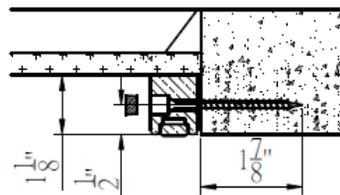
- 1 7/8" for 3/4" light block



Top View



- Hang strip thickness: 7/8".
- The center of screw hole to the top edge of hang strip is 1/2". The window depth should be enough to avoid the plaster thickness for proper installation.
- It's recommended to take 1/16" deduction for each side (1/8" deduction for both sides) from the window to get max frame to frame size for IB.



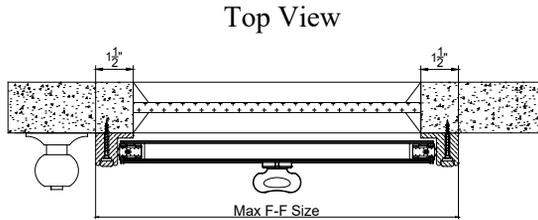
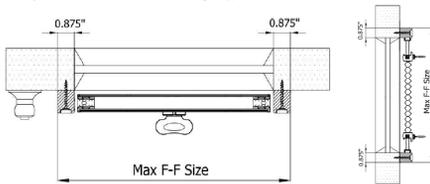
## Lift Systems - SmartFit with Frame

### SmartFit® with Frame

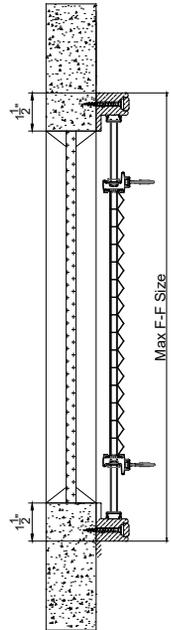
#### Outside Mount

#### Measuring for door with no trim around the glass

- **Our Recommendation:** add 1 1/2" on each side from the glass area to get the max frame to frame size. (With hang strip add 7/8")
- Minimum distance of 3/4" is required for installing the L frame.
- L frame thickness is 1 9/32"



Side View

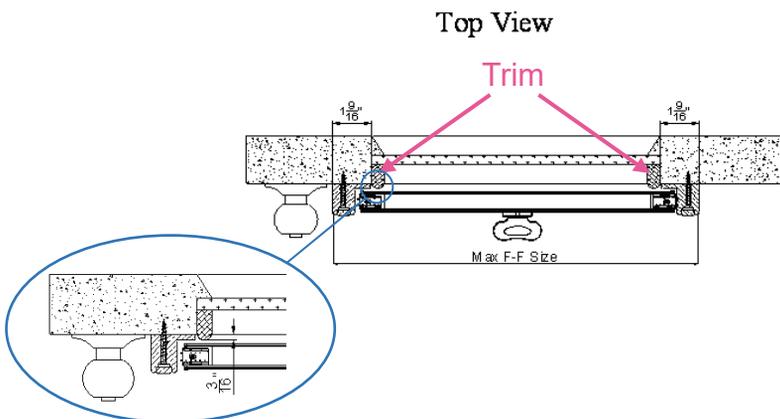


#### Measuring for door with trim around the glass

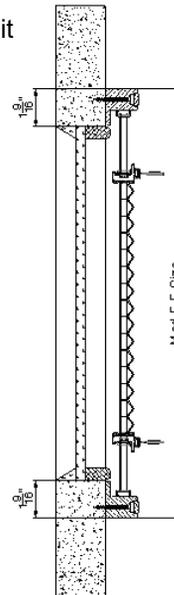
- **Our Recommendation:** add 1 9/16" on each side from the outside trim measurement to get the max frame to frame size.
- Projection of trim should be no more than 3/16"\*

If the projection of the trim is more than 3/16", you will need to:

- Utilize the L frame with the 3/4" light block with Notch Out so the frame rests over the trim.
- Determine the height and depth of the notch out to allow it to sit over the trim (Maximum height 1/2", width 1 1/8").



Side View



## Lift Systems - SmartFit with Frame

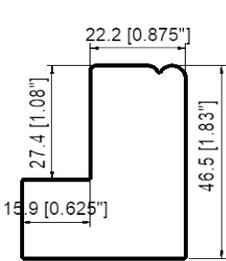
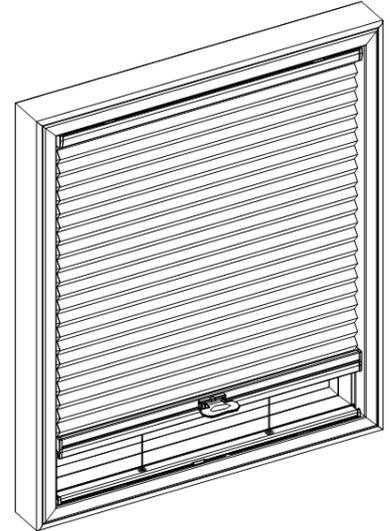
### Pre-Drill Options

Frame Type	Frame	Mounting Type	Pre-drilled	
			IB	OB
L Frames	Vintage L Frame with insert (0.2" light block)	IB & OB	Optional	Yes
	Vintage L Frame with insert (0.75" light block)		Optional	Yes
	Beaded L frame		Optional	No
Hang Strip	Hang Strip		Optional	Yes
Deco Frames	2" Camber Deco Frame	OB	N/A	Yes
	2" Classic Deco Frame		N/A	Yes
	3" Ridge Deco Frame		N/A	Yes
Z Frames	1 ¼" Beaded Z Frame	IB	Optional	N/A
	1 ½" Bullnose Z Frame		Optional	N/A
	2" Belair Z frame		Optional	N/A
	2" Bullnose Z Frame		Optional	N/A
	3" Crown Z Frame		Optional	N/A

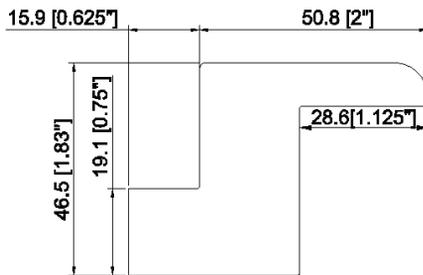
## Lift Systems - SmartFit for Sloped Windows with Frame

### SmartFit® for Sloped Windows with Frame

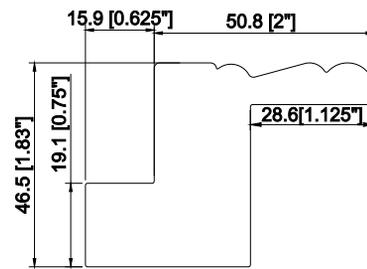
- Available in 3/8" Single cell only
- Available in the following frame styles:
  - Beaded L frame
  - 2" Belair Z frame
  - 2" Bullnose Z Frame
  - L frames are available in IB and OB. Z frames are available in IB only.
- With decorative frame and brackets pre-attached
- Optional pre-drill: For inside mount, select pre-drilled frame for easy installation. Wood plugs and mounting screws will be supplied.
- T-posts and sill plates are not available
- Perfect solution for skylight windows or sloped windows 15° to 90°
- SmartFit™ operates as bottom up only



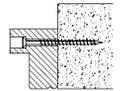
**Beaded L Frame**



**2" Bullnose Z Frame**



**2" Belair Z Frame**



Pre-drill option available for IB only in L and Z frames.

### Size Considerations

L Frame				
System	Min. Width	Max. Width	Min. Height	Max. Height
SmartFit® for Sloped Windows with Frame	10 1/2"	60 7/8"	7 3/4"	121 3/4"
2" Z Frame				
System	Min. Width	Max. Width	Min. Height	Max. Height
SmartFit® for Sloped Windows with Frame	12 5/8"	63 1/8"	10"	124"

\*Only max frame to frame measurements will be accepted

SmartFit® for Sloped Windows with Frame Frame Type	SmartFit® for Sloped Windows Shade Size (No frame)			
	Shade Min Width 8 1/2"	Shade Max Width 59"	Shade Min Height 6"	Shade Max Height 120"
Beaded L (frame to frame size)	min width + 2" = 10 1/2"	max width + 1 7/8" = 60 7/8"	min height + 1 3/4" = 7 3/4"	max height + 1 3/4" = 121 3/4"
2" Belair Z (0.75" light block) / 2" Bullnose Z (frame to frame size)	min width + 4 1/8" = 12 5/8"	max width + 4 1/8" = 63 1/8"	min height + 4" = 10"	max height + 4" = 124"

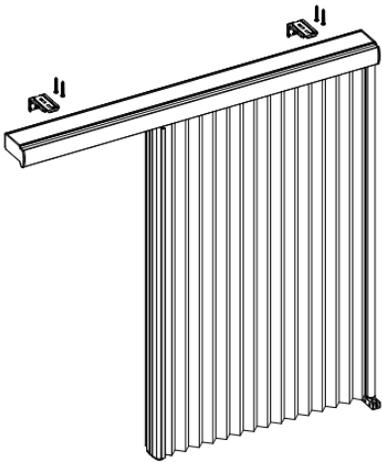
	Order Width	Shade Handle QTY
SmartFit for Sloped Windows with Frame	All	1



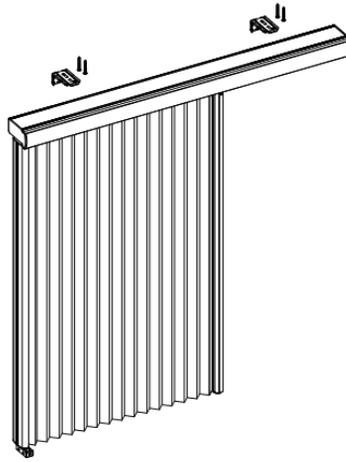
## Lift Systems - Patio Door Vertical Honeycomb

### Patio Door Vertical Honeycomb

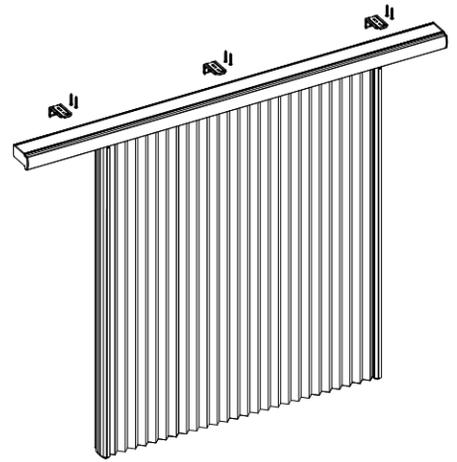
- Perfect solution for sliding doors or large windows
- Available in 3/4" Single and 1 1/4" Single cell sizes only
- Available in Light Filtering, Room Darkening, Designer and FR fabrics. Not available in Woven fabrics.
- Stacking configurations:
  - Left Stack
  - Right Stack
  - Traveling Center Stack
  - Center Opening
    - Split evenly
    - Custom Split: Left and right widths can be specified
- Magnetic strips are attached to the center moving vertical rails on Center Opening and Vertical D&N shades.



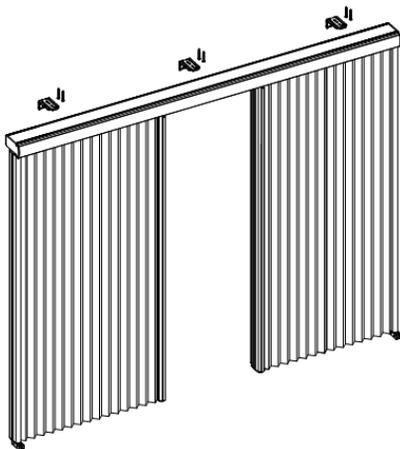
Right Stack



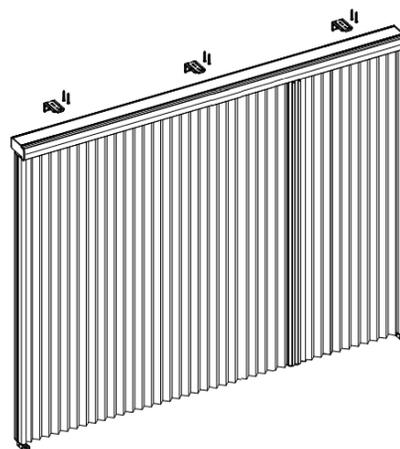
Left Stack



Traveling Center Stack



Center Opening  
(Split Evenly)



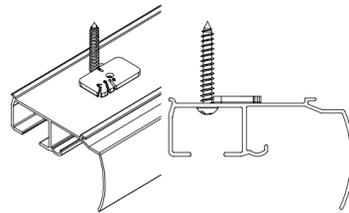
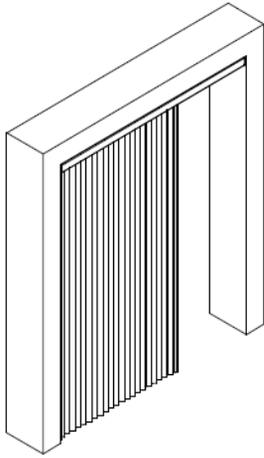
Center Opening  
(Custom Split)

## Lift Systems - Patio Door Vertical Honeycomb

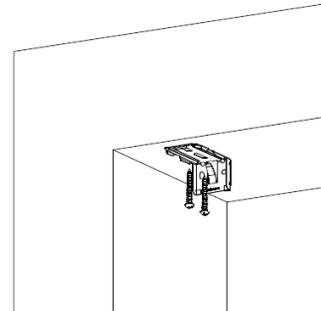
### Patio Door Vertical Honeycomb

#### Mounting & Measuring

- **Inside Mount:** There are two IM installation methods for Patio Door Vertical. Be sure to specify the one of the following options in your order.
  - **Top-Mount (pre-drilled headrail):** Mounting screws will come pre-drilled through the headrail for a top-mount installation
  - **Installation Bracket:** Traditional bracket installation

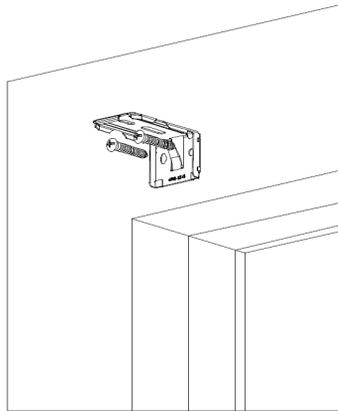
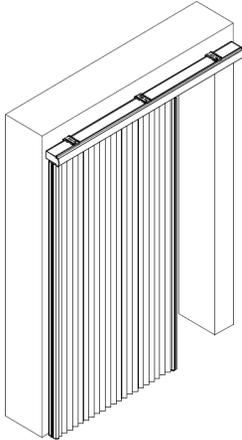


(Top-Mount Pre-Drilled Headrail)



(Installation Brackets)

- **Outside Mount:** Mounting brackets will be provided for wall-mount installation



#### How to Measure for Vertical Honeycomb:

**IB:** Order width & height = window width & height.

**OB:** Add 4" to opening width and 2" to opening height.

#### How to Measure for Custom Split:

**Shade Width:** measure from the left end cap to the right end cap along the headrail.

**Shade Height:** measure from the top of headrail to the bottom of vertical rail end cap.

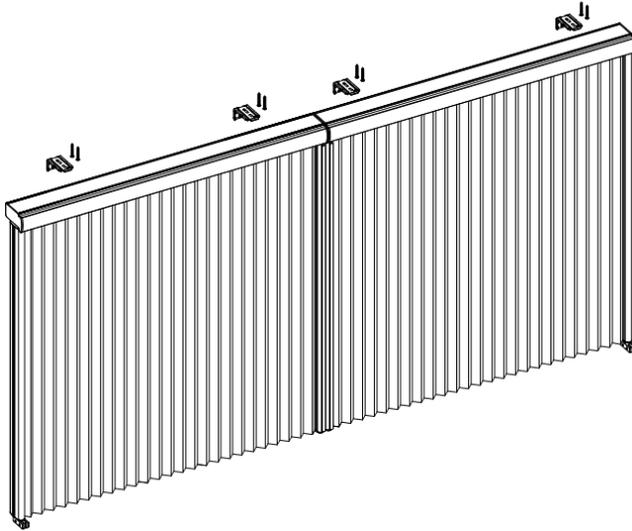
**Left Shade width:** measure from the left headrail end cap to the middle vertical rails joint

**Right Shade width:** measure from the middle vertical rails joint to the right headrail end cap

## Lift Systems - Patio Door Vertical Honeycomb

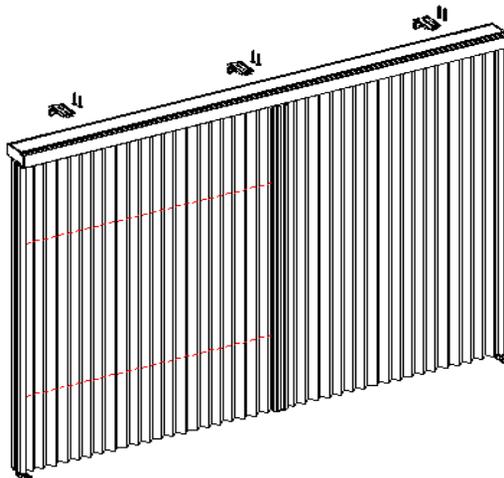
### Patio Door Vertical Honeycomb: Butt together

- Side by side butt option
- Both shades must have the same order height
- Stacking configurations: left shade must be Left Stack, and right shade must be Right Stack
- Mount options:
  - Available in IM and OM
  - Note: Shades that will be butt together must be the same mount type
- "Thicker" magnet strips are included in the center of each side of the moving rails to avoid any light gaps



### Patio Door Vertical Day & Night

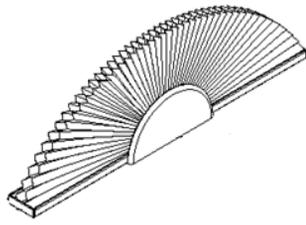
- Select from the available fabric combinations: [D&N fabric combinations](#)
- Stacking Configuration: Center Opening only
  - Left shade and right shade stack side by side, butt together
- Available in 3/4" Single and 1 1/4" Single cell sizes



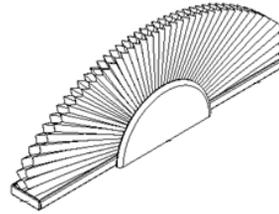
## Lift Systems - Specialty Shapes



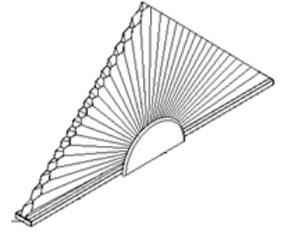
Perfect Arch (Half Round)



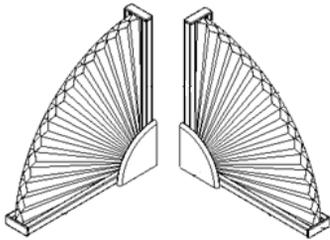
Eyebrow



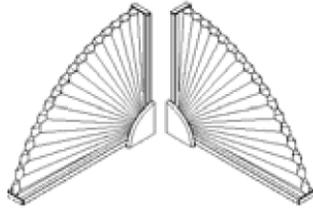
Elongated Eyebrow



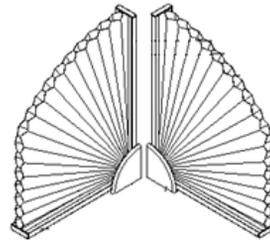
Triangle



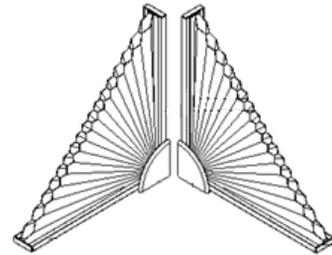
Quarter Round Left & Right



Half Eyebrow Left & Right



Arch on Top Left & Right



Angle Top Left & Right

**Honeycomb Specialty Shapes are only available in the above 8 shapes. We do not accept templates.**

All specialty shapes are:

- IB only
- non-operable shades
- Not available in 3/4" Double or 1 1/4" Single cell sizes.

\*Specialty Shapes are not available in 3/4"D or 1 1/4"S cell sizes.

### Size Limitations

1. Perfect Arches: height must be half of the width

2. Eyebrows:

Both leg heights must be equal

- Shade height must be less than half of the shade width

3. Elongated eyebrows:

- Both leg heights must be equal
- Minimum leg height: 1"; but less than shade height
- The shade height minus leg height must be:
  - 5" or more
  - Less than or equal to half of the shade's width

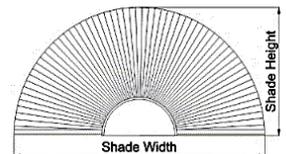
4. Quarter Rounds: width and height must be equal.

5. Arch on Top:

- Minimum leg height: 1", but less than shade height
- The shade height minus leg height must be:
  - 5" or more
  - Less than or equal to the shade's width

6. Angle Tops: Width and height do not need to meet a certain ratio; just needs to be within the size limitation.

7. Half Eyebrow: shade height must be less than shade width



Shade		Min Size	Max Size
Perfect Arch, Eyebrow, Elongated Eyebrow	Width	10"	96"
	Height	5"	48"
Quarter Round, Angle Top, Arch on Top, Half Eyebrow (L or R)	Width	5"	48"
	Height	5"	48"
Triangle	Width	10"	96"
	Height	5"	48"

\*The above limitations are net sizes, not order sizes.

## Headrail Colors

Default rail colors are assigned by fabric color (refer to the Appendix). Rail color override is available. Select from a variety of the following rail colors, depending on the honeycomb system chosen:

- All 17 default/optional rail colors are available for most applications and cell sizes
- *Now available:* All 17 default/optional rail colors for **Woven Cordless & Woven Cordless TDBU**
- 10 default/optional rail colors available for all **9/16" cell sizes** ( ^ )
- 4 default/optional rail colors for **Patio Door Vertical, Vertical Day & Night, and SmartFit for Sloped Windows** ( ^ )

## Day & Night Shades Default Rail Colors

- Different opacity shades: The rail color for D&N applications will default to the "Night" shade. The Night shade has the highest opacity level, regardless of which shade is positioned on the top or bottom. (Sheer/Windsong + LF, LF is the Night shade. LF+RD, RD is the Night shade)
- Same opacity shades: For LF + LF, the bottom shade will be considered the Night shade.

	Color Name	Color Code		Color Name	Color Code	
	Agave	3715		Indigo	3716	^
^	Black Ink	3212		Nature	3579	^ ^
^	Celery	3613		Plum Purple	3475	
^	Chocolate	3463		Sahara	3578	^
^	Gray Cloud	3128		Sand	3582	
^	Cottage White	3094		Silver	3129	^ ^
	Cream	3577		Sky	3722	
	<del>Fern</del>	<del>3616</del>		Terra	3334	^
	Ginger Spice	3335		White	3058	^ ^

\*Cinnamon 3476 rail color has been discontinued.

\* Fern 3616 rail color has been discontinued on 7/1/2023.



## Frame Colors (SmartFit™ with Frame)

**Frame:** Normandy® hard wood material

**Color Availability:** 48 colors – Normandy® shutter collection

### Available Colors:



\*The following frame colors will be discontinued on 7/1/2023.

Color Code	Color Name	Type
016	Butter	Paint
030	Moondust	Paint
042	Hall Gray	Paint
048	Chai	Paint
049	Stone Gray	Paint
051	Brown Gray	Paint
073	Sky Gray	Paint
074	Element Gray	Paint
075	Storm Gray	Paint
077	Dawn	Paint
078	Cloud Blue	Paint
109	Weathered Teak	Stain
111	Pebble	Stain
212	Dark Teak	Stain
215	Cordovan	Stain
220	New Ebony	Stain
256	Mist	Stain

## Estimated Fabric Stacking Heights

**Disclaimer: The below figures are estimated fabric stacking heights, for reference. These are not guaranteed, exact measurements. Actual stacking height may vary for each shade.**

System	Fabric	3/8" Single (")				9/16" Single (")				3/4" Single (")			
		48"	72"	84"	144"	48"	72"	84"	144"	48"	72"	84"	144"
<b>Shade Drop</b>		<b>48"</b>	<b>72"</b>	<b>84"</b>	<b>144"</b>	<b>48"</b>	<b>72"</b>	<b>84"</b>	<b>144"</b>	<b>48"</b>	<b>72"</b>	<b>84"</b>	<b>144"</b>
<b>SmartRise™ Cordless</b>	<b>LF</b>	3.55	4.44	4.88	NA	2.68	3.06	3.25	4.21	2.73	3.21	3.45	NA
	<b>RD</b>	3.45	4.29	4.71		2.59	2.92	3.09	3.94	2.68	3.14	3.37	
	<b>FR</b>	3.55	4.44	4.88		NA				2.78	3.28	3.54	
<b>Cordless TDBU</b>	<b>LF</b>	4.37	5.26	5.71	NA	3.74	4.13	4.32	5.27	3.56	4.04	4.28	NA
	<b>RD</b>	4.28	5.12	5.54		3.65	3.98	4.16	5.01	3.51	3.97	4.19	
	<b>FR</b>	4.37	5.26	5.71		NA				3.61	4.11	4.36	
<b>Cordless Day &amp; Night</b>	<b>Sheer &amp; RD</b>	5.6	7.16	7.94	NA	4.39	5.06	5.40	7.10	4.16	5	5.42	NA
	<b>Sheer &amp; LF</b>	5.7	7.3	8.11		4.50	5.23	5.59	7.41	4.21	5.07	5.5	
<b>Motorized Bottom Up, Cord Loop &amp; SmartRelease™</b>	<b>LF</b>	3.45	4.29	4.71	6.81	3.04	3.42	3.61	4.56	2.73	3.21	3.45	4.65
	<b>RD</b>	3.36	4.15	4.54	6.52	2.94	3.28	3.45	4.30	2.68	3.14	3.37	4.51
	<b>FR</b>	3.5	4.36	4.8	6.96	NA				2.78	3.28	3.54	4.8
<b>Cord Loop D&amp;N</b>	<b>Sheer &amp; RD</b>	5.65	7.05	7.74	11.30	4.28	4.94	5.28	6.98	4.26	4.94	5.27	6.95
	<b>Sheer &amp; LF</b>	5.74	7.18	7.88	11.44	4.38	5.11	5.47	7.29	4.33	5.04	5.39	7.15
<b>Cord Loop TD, Cordless TD, &amp; Motorized TD</b>	<b>LF</b>	4.35	5.13	5.51	7.44	3.63	4.01	4.20	5.15	3.56	3.92	4.09	4.98
	<b>RD</b>	4.26	5.00	5.38	7.30	3.54	3.87	4.04	4.89	3.49	3.82	3.98	4.78
	<b>FR</b>	4.07	4.70	5.02	6.57	NA				3.46	3.76	3.91	4.67
<b>SmartFit®</b>	<b>LF</b>	3.25	4.09	4.51	NA	2.64	3.02	3.21	4.17	2.77	3.25	3.49	NA
	<b>RD</b>	3.16	3.95	4.35		2.55	2.88	3.06	3.91	2.72	3.18	3.41	
	<b>FR</b>	3.3	4.17	4.6		NA				2.82	3.32	3.58	

## Estimated Fabric Stacking Heights

**Disclaimer: The below figures are estimated fabric stacking heights, for reference. These are not guaranteed, exact measurements. Actual stacking height may vary for each shade.**

System	Fabric	1/2" Double (")				3/4" Double (")					1 1/4" Single (")				
Shade Drop		48"	72"	84"	144"	48"	72"	84"	120"	144"	48"	72"	84"	120"	144"
SmartRise™ Cordless	LF	2.89	3.39	3.63	4.86	2.6	2.93	3.09	3.59		2.4	2.62	2.73	3.07	
	RD	2.8	3.25	3.47	4.59	2.54	2.83	2.98	3.23		2.35	2.55	2.65	2.8	
	FR	N/A													
Cordless TDBU	LF	3.83	4.34	4.58	5.81	3.2	3.52	3.68	N/A		2.99	3.21	3.32	N/A	
	RD	3.74	4.2	4.42	5.54	3.13	3.43	3.57	N/A		2.94	3.14	3.24	N/A	
	FR	N/A													
Cordless Day & Night	Sheer & RD	4.69	5.6	6.04	8.28	3.77	4.37	4.65	N/A		3.39	3.8	3.99	N/A	
	Sheer & LF	4.78	5.74	6.2	8.55	3.68	4.22	4.47	N/A		3.48	3.91	4.1	4.14	
Motorized Bottom Up, Cord Loop & SmartRelease™	LF	3.24	3.75	3.99	5.22	2.91	3.24	3.40	4.21	4.21	2.71	2.93	3.04	3.38	3.61
	RD	3.15	3.61	3.83	4.94	2.88	3.18	3.32	4.06	4.06	2.66	2.87	2.96	3.28	3.48
	FR	N/A													
Cord Loop D&N	Sheer & RD	4.69	5.6	6.04	8.28	3.96	4.46	4.70	5.47	5.96	3.74	4.15	4.34	4.97	5.38
	Sheer & LF	4.78	5.74	6.2	8.55	3.99	4.53	4.78	5.60	6.11	3.79	4.22	4.41	5.08	5.51
Cord Loop TD & Motorized TD	LF	3.83	4.34	4.58	5.81	3.51	3.83	3.99	4.49	4.80	3.30	3.52	3.63	3.97	4.20
	RD	3.74	4.2	4.42	5.54	3.47	3.77	3.91	4.37	4.65	3.25	3.46	3.55	3.87	4.07
	FR	N/A													
SmartFit®	LF	2.85	3.35	3.6	4.83	2.53	2.86	3.01	N/A		2.32	2.54	2.65	N/A	
	RD	2.76	3.21	3.43	4.55	2.46	2.76	2.9	N/A		2.27	2.48	2.57	N/A	
	FR	N/A													

## Estimated Fabric Stacking Heights

**Disclaimer: The below figures are estimated fabric stacking heights/widths, for reference. These are not guaranteed, exact measurements. Actual stacking height may vary for each shade.**

System	Fabric	3/8" Single (")				9/16" Single	1/2" Double	3/4" Single	3/4" Double	1 1/4" Single
Shade Drop		48"	72"	84"	144"					
SmartFit® for Sloped Windows	LF	3.29	4.07	4.45	N/A	N/A	N/A	N/A	N/A	N/A
	FR	3.01	3.64	3.95						
	RD	3.20	3.94	4.31						
SmartFit with Frame for Sloped Windows	LF	3.06	3.9	4.32	N/A	N/A	N/A	N/A	N/A	N/A
	FR	3.11	3.97	4.4						
	RD	2.96	3.75	4.15						

### Patio Door Vertical Stacking Width (Stackback)

Cell Size	Left Stack/Right Stack/ Day & Night/Split Stack (Center Opening)		Traveling Center Stack			
	Shade Width (X1")	Stacking Width (")	Shade Width (X1")	Stacking Width (")		
3/4" Single	$X1 \leq 92$	6 3/4	$X1 \leq 146$	10 5/8		
	$92 < X1 \leq 102$	7 3/8				
	$102 < X1 \leq 111$	7 7/8				
	$111 < X1 \leq 121$	8 1/2				
	$121 < X1 \leq 130$	9				
	$130 < X1 \leq 140$	9 1/2				
	$140 < X1 \leq 146$	10				
1 1/4" Single	$X1 \leq 71$	6 3/4	$X1 \leq 130$	10 5/8		
	$71 < X1 \leq 78$	7 3/8				
	$78 < X1 \leq 86$	7 7/8				
	$86 < X1 \leq 93$	8 1/2				
	$93 < X1 \leq 100$	9				
	$100 < X1 \leq 108$	9 1/2				
	$108 < X1 \leq 115$	10				
	$115 < X1 \leq 123$	10 5/8				
	$123 < X1 \leq 130$	11 1/4				
	$130 < X1 \leq 138$	11 3/4			$130 < X1 \leq 138$	11 1/4
	$138 < X1 \leq 146$	12 3/8			$138 < X1 \leq 146$	11 3/4

\* for D&N & Split Stack, the above stacking height is for one side only.



## Additional Options

### Light Guard

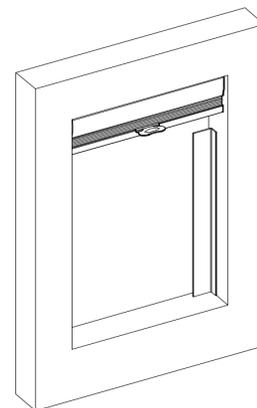
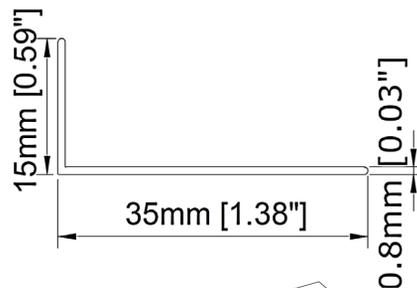
Available Colors:



3058 White 3094 Cottage White 3578 Sahara 3463 Chocolate 3129 Silver 3212 Black Ink

- Inside Mount only
- Aluminum material; no end caps necessary
- Light guard is not available for SmartFit® with Frame applications, Vertical applications, Specialty Shapes, or 2-on-1 shades.
- **Alum Light Guard Splicing Rule:** When the light guard length (L) is over 96", it will be spliced into two pieces. A clear adhesive tape will be provided to join the two pieces. The splicing points are as follows:

96" < L ≤ 102"	L > 102"
From the top down at 6"	From the bottom up at 96"



### Hold Down

#### Traditional Hold-Down (Optional)

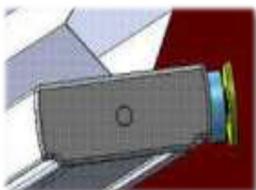
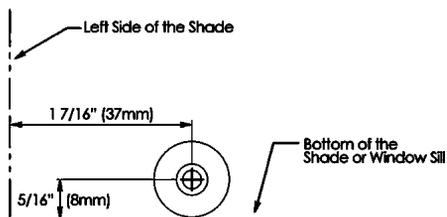


#### Magnetic Hold-Down

- Outside Mount only
- Not recommended for metal door applications
- The magnet will be attached at the factory before shipping.
- The magnet catch will need to be installed at the job site.

#### Available colors for Magnet Catch

- Nickel-Plated (Default)
- (Optional) Pure White, Silk White, Bisque, Pearl, Bright Brass, Antique Brass, Black, Crisp Linen, String, Sea Mist, Stone Gray, Magnet, Magnet Catch



Allow for extra wall space:

- 1 7/16" from the side edge of the shade
- 5/16" from the bottom edge of the shade or window sill

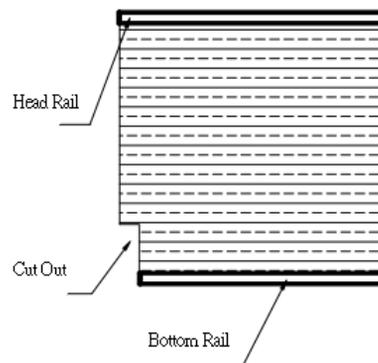
Lift Systems	Hold Down Availability
SmartRise™ Cordless	✓
Cordless TDBU	✓
Cordless Day & Night	✓
Cordless (Woven)	✓
Cordless TDBU (Woven)	✓
Cord Loop	✓
Cord Loop TD	✓
Cord Loop Day & Night	✓
SmartRelease™	✓
Motorization	✓
SmartFit®	x--N/A
SmartFit® Dual Shade	x--N/A
SmartFit® for Sloped Windows	x--N/A
SmartFit® with Frame	x--N/A
SmartFit® Dual Shade with Frame	x--N/A
SmartFit® with Frame for Sloped Windows	x--N/A
Patio Door Vertical, Day & Night	x--N/A
Specialty Shapes	x--N/A

## Additional Options - Cut-outs

Systems	Shade Width (")	Min Cut-out Width	Max Cut-out Width	Min Cut-out Height	Max Cut-out Height
Cordless	$X \leq 16$	N/A			
	$16 < X \leq 23.5$	1/8"	0.75"	7/8"	Y - 2"
	$X > 23.5$	1/8"	1"	7/8"	Y - 2"
Cord Loop / SmartRelease / Motorized Bottom Up	All sizes	1/8"	1"	7/8"	Y - 2"
Vertical	All sizes	For baseboards only. Cut-outs are made on the rails, not the fabric. <b>Max cut-out height: 6"</b> .			

### Cut-outs for Horizontal Shades

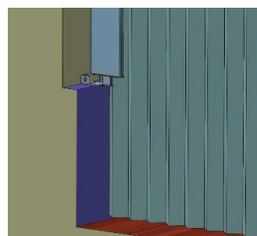
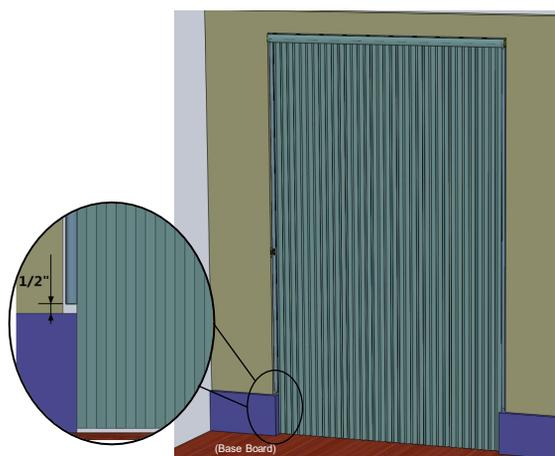
- Cut-outs will be made on the bottom rail and the bottom section of the fabric.
- Cut-out location options:
  - Bottom Corner (Left)
  - Bottom Corner (Right)
  - Bottom Corners (Both L & R)
- Cut-outs are made when the shade is fully extended. Measure upwards from the bottom of bottom rail up to the start of the cut-out.
- Not available in:
  - Woven fabrics
  - TDBU applications
  - Day & Night applications
  - Norman Smart Motorization
  - All SmartFit® applications
  - 2 on 1 Shades
  - Specialty Shapes



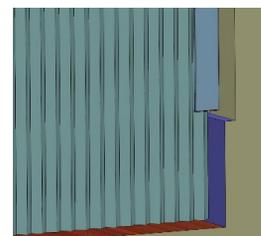
### Cut-outs for Vertical Shades

- For patio door honeycomb shades, the cut-out is only on the rails and not the fabric. See chart for movable vs. stationary rail availability →
- When specifying cut-outs, please provide the height of the baseboard. The max cut-out height is 6".

Stacking Configuration	Stationary vertical rail	Moveable vertical rail
Right Stack	✓	✓
Left Stack	✓	✓
Travelling Center Stack	✓	✓
Split Stack (Center Opening)	✓	✗
Vertical Day & Night	✓	✗

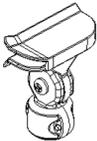
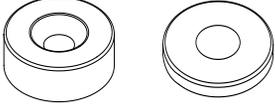
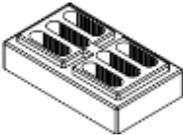
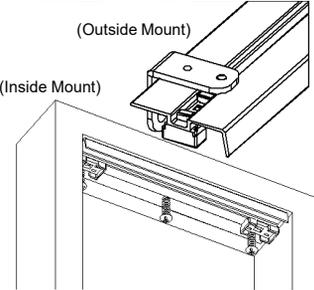
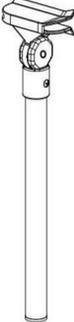
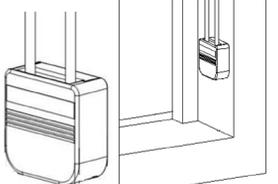
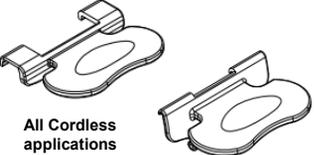
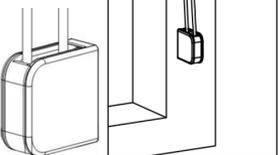
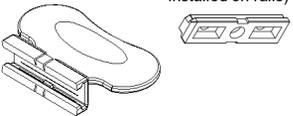


Backside (stationary vertical rail)

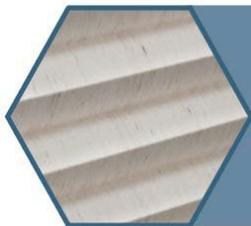


Backside (movable vertical rail)

## Parts & Accessories

Description	Drawing	Description	Drawing
Hold-Down Bracket (optional)		Pole Attachment	
Magnetic Hold-Down (optional for OB)		Color: White, if ordered separately; Black, if ordered with poles.	
Shim/Spacer Block (optional & stackable)  Not available for IB SmartFit, IB SmartFit Dual Shade, SmartFit for Sloped Windows and Specialty Shapes	  3/8" thickness for one 11/16" thickness for two	(pole not included; compatible with telescopic poles sold at hardware stores)  (max 2 per shade)	Not compatible with previous handle design
Mounting Plate for SmartFit® and SmartFit® Dual Shades  3/8" S, 3/4" S, 9/16" S, 1/2" D Default: Yes; Optional: No  3/4" D, 1 1/4" S Standard (required)	 (Outside Mount)   (Inside Mount)	Pole  Color: Black  Sizes: 36" or 60" (max 2 per shade)  <u>Movable pole head</u> for SmartRise™ Cordless, Cordless TDBU, Cordless Day & Night; and Cordless & Cordless TDBU for Woven fabrics  <u>Stationary pole head</u> for SmartFit®, SmartFit® Dual Shades and SmartFit® or Sloped Windows	    Not compatible with previous handle design
IM Cord Loop / SmartRelease™ Safety Tension Device		Honeycomb Shade Handles	 All Cordless applications  Woven Cordless & Cordless TDBU only
OM Cord Loop / SmartRelease™ Safety Tension Device			 (handle base is pre-installed on rails)  All SmartFit® applications

## Fabric Expectations & Product Care



### Honeycomb Shades Fabric Expectations & Product Care

Honeycomb Shades come in a variety of fabrics, cell sizes and lift systems. Our honeycombs deliver on a number of desired effects of fine window treatments:

- Excellent insulating properties
- UV protection
- Softened views while enjoying privacy



But as with all fine window treatments there are certain inherent characteristics of our honeycombs that can be found in any fine textile shade in the market. Since we always strive to provide the highest quality window treatment solutions, we are communicating certain industry-wide fabric characteristics of our honeycomb shades.

#### **ROOM DARKENING VERSUS BLACKOUT QUALITY**

One of the appealing characteristics of a honeycomb shade is your ability to select from different opacity levels ranging from sheer to light filtering to room darkening to satisfy your desire for light control, privacy or both.

While our room darkening fabrics provide more privacy and light control qualities than our sheer and light filtering choices, they are not a total blackout solution.

## Fabric Expectations & Product Care

### FABRIC DISCLAIMERS: WOVEN SHADES

Our Windsong and Breeze fabrics utilize delicate fibers and a unique weaving process that give the fabric a soft and high-end look. The repeated rubbing of the fabric edge where it comes into contact with the edge of the window may cause the fabric to fray slightly. To remedy this, use a pair of fabric scissors to gently trim any fraying.



### CLEANING HONEYCOMB SHADES

Routine cleaning will help maintain the beauty of your shade. Here are the proper methods for cleaning honeycomb shades:

#### Light dusting:

- Use a soft brush, feather duster or a compressed air/hair dryer at a cool setting
- Vacuum with a low suction using a hand-held vacuum or a brush attachment

#### Spot Cleaning:

- Dampen a clean cloth or sponge with warm water and blot gently to avoid creasing the shade (do not rub!)
- Add a mild detergent solution, if needed
- Allow shade to dry in a fully lowered position
- Headrails should never be immersed in liquid
- Do not use bleach or cleaning products that contain bleach.

#### Ultrasonic Cleaning:

- Honeycomb shades may be professionally ultrasonic cleaned

