# Comfortex Harmony Cellular Verticals

## 2007 MANUFACTURER'S PRICE LIST AND REFERENCE GUIDE

NOT A SUGGESTED PRICE LIST.

PRICES SUBJECT TO CHANGE WITHOUT NOTICE.

#### **EFFECTIVE**

June 4, 2007



WWW.COMFORTEX.COM

#### **FEATURING!**



DESIGNER SELECT VALANCES



#### **Harmony Specifications**

#### Side Stack

Minimum Width:	12"	Maximum Width*:	192"
Minimum Length:	24"	Maximum Length:	144"

#### Split Stack

Minimum Width:	20"	Maximum Width*:	192"
Minimum Length:	24"	Maximum Length:	144"

\* Maximum ordered width for a side mount vertical is 48". Purchases of a single vane include the vane insert. Purchases of the valance only include the valance insert.

#### Finished Dimensions

#### Finished Dimensions - Inside Mount

#### Track Width:

Side stack
Split stack
1" less than ordered width
1" less than ordered width
Valance:

1" less than ordered width
1" less than ordered length
1/8" less than the ordered width

for all valance styles

#### Finished Dimensions - Outside Mount

Track Width: ordered width

Finished Blind Length: ordered length - No deductions

will be made.

Valance:ordered width plus 17/8"Valance Returns:53/4" for Shangri-La Valance51/4" for Traditional Valance6" for Designer Select Valances

#### Finished Dimensions - Side Mount

#### Track Width:

Side stack
Split stack
Split stack

\*\*Finished Blind Length:

Valance:

\*\*J4" less than ordered width
\*\*J2" less than ordered length

\*\*J8" less than the ordered width

for all valance styles

#### Note on Specifications

- Width and height may vary +/- 1/8" due to variations in fabric weave and environmental conditions.
- After fabrication, fabric height can be cut down starting at 1/2" at the factory.

#### Vane Closure Gap

When Harmony vanes are in the closed position, they always overlap, but they may not always touch. The vane closure gap is the maximum distance between closed, overlapping vanes. The vane closure gap is up to  $\frac{1}{2}$ ".

#### **Energy Efficiency**

Laboratory tests show that Harmony Cellular Verticals, when closed, are up to 50% more effective than standard fabric verticals in reducing air flow through double pane windows. (Testing was performed by Cleverfellows Innovation Consortium.)

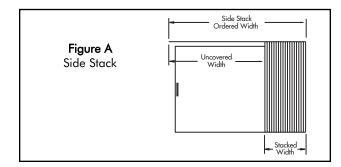


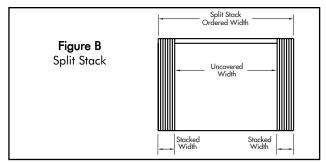
#### Harmony Cellular Verticals

#### Stacking Design

Harmony Cellular Verticals are available in side or split stack designs. Either design may be mounted inside or outside of the window opening. The wand or rotation chain and traverse cord must be placed on the same side and cannot be split. The control side must be specified when ordering.

- Side stacks may draw open to the left or right side. The controls may be placed on the same side of the stack or the opposite side. Controls cannot be split. (Figure A)
- Split stack shadings draw open to both sides equally. (Figure B)



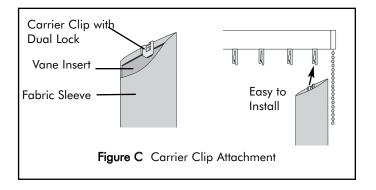


#### Note on Stacking

When Harmony Cellular Verticals are in the stacked position the vanes may flare slightly. This is considered normal and does not constitute a failure in workmanship or materials. The possible flare has been shown through case study not to detract from the beauty of the product.

#### Carrier Clip Attachment

The carrier clip comes attached to the vane insert on fabricated vanes. The vane installation and removal from the carrier stem becomes effortless. The clip prevents the vane from unintentional detachment from the carriers for improved durability. (Figure C)



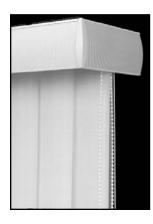
#### Shangri-La Valance For Harmony Cellular Verticals

#### Shangri-La Valance Specifications

Each Harmony Cellular Vertical comes with a valance, with the style depends on fabric selected

The Shangri-La Valance is only available with the Shangri-La fabric collection (fabric SKUs 100-XXXX). All other fabric collections utilize the Traditional Valance. See this page and page 6 for details.

See page 13 for information on upgrading to a hardwood Fascia.



#### Shangri-La Valance

The Shangri-La Valance is white and measures 2<sup>7</sup>/<sub>8</sub>" high with 5<sup>3</sup>/<sub>4</sub>" standard returns (on outside mounts). The valance features a vane fabric or color coordinated aluminum insert.

- The matching fabric insert is standard with Shangri-La Valance.
- Aluminum strip inserts are available to coordinate with all Harmony Shangri-La colors (fabric SKUs 100-XXXX) without an additional charge. Please specify when ordering.

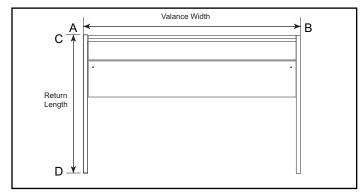


Figure D Valance Measuring Instructions

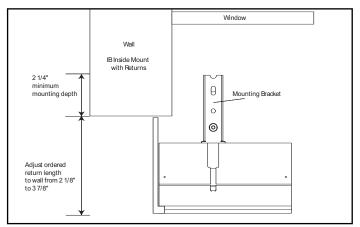


Figure E Inside Mount Valance with Custom Returns

#### Measuring Instructions for Shangri-La Valance

- Shangri-La Valances and returns are cut at the outside measurement. The valance width is measured from points A to B. (Figure D) The valance returns are measured from points C to D. (Figure D)
- Comfortex recommends measuring for the exact size of the valance needed when ordering a Shangri-La Valance.
- Comfortex recommends ordering a Shangri-La Valance with custom returns for an inside mount vertical with less than 53/8" of mounting depth.

#### Inside and Side Mounts

- **IB-Standard Valance:** The valance is made to the ordered blind width minus <sup>1</sup>/<sub>8</sub>". (Figure E)
- **IB-Custom Valance:** The valance is made exactly to the ordered valance width. (Point A to B on Figure D)
- Inside Mount Valances with Custom Returns\*: The valance and returns will be made exactly to the ordered measurements. (Figure F)

#### **Outside Mount**

Outside mount Shangri-La Valances are made with returns.

- **OB-Standard Valance:** The valance is cut to the ordered blind width plus 1<sup>7</sup>/<sub>8</sub>" on the outside of the valance with standard 5<sup>3</sup>/<sub>4</sub>" returns.
- OB-Custom Valance with Custom Returns\*: The valance is cut to the ordered valance width on the outside of the valance with the returns cut to the ordered return length.\*\* (Figure D)
- \* When ordering a custom Shangri-La Valances, Comfortex recommends adding at least 17/8" to the ordered width of the blind to avoid interference with the track and end vanes.
- \*\* Outside mount brackets project the valance 5<sup>7</sup>/16" to 7" from the mounting surface.

#### Shangri-La Valance Returns

- Standard outside mount returns measure 53/4".
- Returns can be cut as small as 21/8".
- Custom Returns: To determine a custom return length, add the component dimensions (mounting brackets, etc.) up to the wall. Subtract the measurements from any protrusions (molding, etc.). Please refer to Figures E and F for custom return lengths.

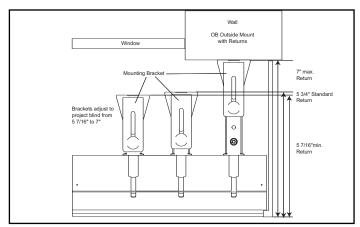
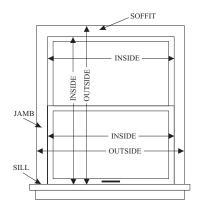


Figure F Outside Mount Valance with Custom Returns

#### Shangri-La Valance For Harmony Cellular Verticals

## Measuring the Window for Harmony with Shangri-La Valances



Inside Mount (Bracket - Figure G): Use a steel tape to measure across the width of your window opening in three different places - top, middle and bottom. Provide the smallest of the three measurements to Comfortex. Be exact. The factory will make the vertical 1/4" narrower so it will not rub against the window casing.

Measure the length of the window opening from the underside of the soffit to the surface of the window sill or floor in two places - use the smaller of these two measurements. The factory will make a ½" deduction for operating clearance.

**Side Mount** (Bracket - Figure H): Use a steel tape to measure across the width of your window opening in three different places - top, middle and bottom. Provide the smallest of the three measurements to Comfortex. Be exact. The factory will make the blind <sup>3</sup>/<sub>4</sub>" narrower to accommodate for the bracket.

Measure the length of the window opening from the underside of the soffit to the surface of the window sill or floor in two places. Use the smaller of these two measurements. The factory will make a  $\frac{1}{2}$ " deduction for operating clearance.

**Outside Mount** (Bracket - Figure I and Figure J): Use a steel tape to measure the exact height and width of the area to be covered. Comfortex recommends a 4" overlap on each side to minimize potential light gaps. To measure the width for a vertical that fully uncovers the opening when drawn back, see page 14 for information on the stack back charts found on pages 15-16.

When the fabric does not hang to the floor, a minimum 4" overlap is recommended below the bottom of the opening.

When the fabric hangs to the floor, Comfortex recommends that you allow for a  $\frac{1}{2}$ " bottom clearance. Please deduct before ordering.

Harmony is mounted using a bracket that can be extended to project the shading beyond obstacles. By adjusting a screw and wing nut, the bracket can be easily adjusted. Fully extended, the bracket measures  $6\frac{1}{2}$ ". (See Figure J)

#### Mounting Harmony with Shangri-La Valance

#### Inside Mount

Minimum casement depth: 2½"
Minimum casement depth, fully recessed with valance:

Standard valance: ordered vertical width minus 1/8"

Custom valance:custom size - please specify Custom returns:custom size - please specify

#### **Outside Mount**

Minimum mounting surface height 15%"
Recommended width overlap, per side: 4"

Recommended bottom overlap, when the vertical does not hang

Recommended bottom clearance, when the vertical hangs to the

floor (deduct before ordering): ½"

Standard valance:ordered blind width plus 1½"

Standard valance returns: 5¾"

Custom valance:custom size - please specify Custom returns:custom size - please specify

#### Side Mount

Minimum mounting surface depth: 13/4"
Standard valance:ordered blind width minus 1/8"

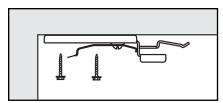


Figure G Inside Mount

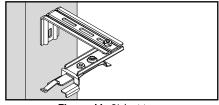


Figure H Side Mount

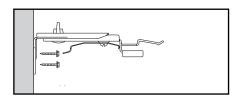


Figure I Outside Mount

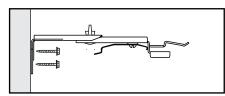


Figure J Outside Mount Extended

45 61 75 80 88 96 101 107 114 122 129 144 167 179 191 204 216 228 240	45 61	75	80	88	96	101	107	114	122	129	144	167	179	191	204	216	228	240
---	-------	----	----	----	----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

#### **Designer Select Valance Specifications**

Each Harmony Cellular Vertical comes with a valance. The Designer Select Valance is reminiscent of the classic cornice and features five valance trim colors with matching vane inserts.

## The Designer Select Valance is available with all Harmony fabric collections.



#### **Designer Select Valance**

The Designer Select Valance is available in five different accent colors and measures  $4\frac{1}{4}$ " high with 6" standard returns (on outside mounts). The valance features a matching fabric insert. The cord, tassels and cord tensioner are white.

#### Ordering

Each Designer Select Valance is custom cut to your specifications.

#### Select a valance finish: Choose from

- Polished Brass 049
- Light Oak 156
- Dark Oak 155
- Pearl 132
- Amber 460

Please consult the sample book for color matching.

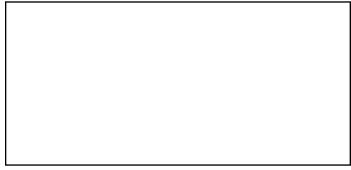


Figure K Valance Measuring Instructions

## Measuring Instructions for Designer Select Valance

- Designer Select Valances and returns are cut on a outside measurement. The valance width is measured from points A to B. (Figure K) The valance returns are measured from points C to D. (Figure K)
- Comfortex recommends measuring for the exact size of the valance needed when ordering a Designer Select Valance.

#### Inside and Side Mounts

- **IB-Standard Valance:** The valance is made to the ordered blind width minus 1/s". (Figure L)
- IB-Custom Valance: The valance is made exactly to the ordered valance width. (Point A to B on Figure K)
- Inside Mount Valances with Custom Returns\*: The valance and returns will be made exactly to the ordered measurements.(Figure L)

#### **Outside Mount**

Outside mount Designer Select Valances are made with returns.

- **OB-Standard Valance:** The valance is cut to the ordered blind width plus 2½" on the outside of the valance with standard 6" returns.
- OB-Custom Valance with Custom Returns\*: The valance is cut to the ordered valance width on the outside of the valance with the returns cut to the ordered return length.\*\* (Figure I)
- \* When ordering custom Harmony Designer Select Valances, Comfortex recommends adding at least 17/8" to the ordered width of the blind to avoid interference with the track and end vanes.
- \*\* Outside mount brackets with extension brackets project the valance 6" to 71/2" from the mounting surface.

#### **Designer Select Valance Returns**

- Standard outside mount returns measure 6".
- Returns can be cut as small as 2½".
- Custom Returns: To determine a custom return length, add the component dimensions (mounting brackets, etc.) up to the wall. Subtract the measurements from any protrusions (molding, etc.). Please refer to Figures M for custom return lengths.

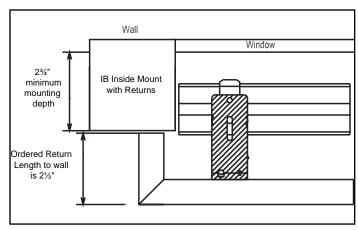


Figure L Inside Mount Valance

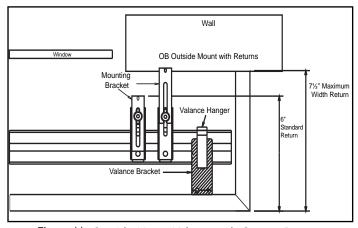


Figure M Outside Mount Valance with Custom Returns

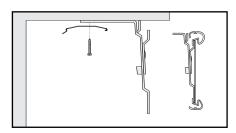


Figure N Inside Mount

Inside Mount valances install directly into the window opening. The installation screw will align directly with the hole in bracket clip and the valance swivel bracket.

## Measuring the Window for Harmony with with Designer Valances

Refer to page 7 for measuring the window for Harmony Cellular Verticals with Designer Valances.

#### Mounting Harmony with Designer Select Valance

#### Inside Mount

Minimum casement depth: 23/4"

Minimum casement depth, fully recessed with valance: 53/8"

Standard valance: ordered vertical width minus 1/8"

Minimum valance return length: 21/2"

Custom valance: custom size - please specify

Custom returns: custom size - please specify

#### **Outside Mount**

Minimum mounting surface height 13/4"
Recommended width overlap, per side: 4"

Recommended bottom overlap, when the vertical does not hang to the floor:

4"

Recommended bottom clearance, when the vertical hangs to the floor (deduct before ordering): 1/2"

Standard valance: ordered blind width plus 2½"

Standard valance returns: 6"

Custom valance: custom size - please specify Custom returns: custom size - please specify

#### Side Mount

Minimum mounting surface depth: 13/4" **Standard valance:** ordered blind width minus 1/8"

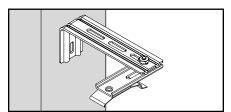
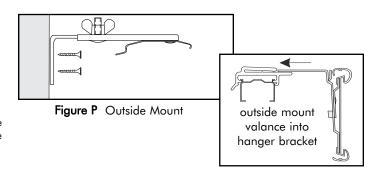


Figure O Side Mount



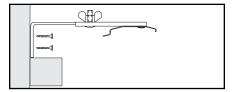


Figure Q Outside Mount Extended

#### Harmony Cellular Verticals

#### <u>Traditional Valance For Harmony Cellular Verticals</u>

#### Traditional Valance Specifications

Each Harmony Cellular Vertical comes with a valance. The valance conceals the track and provides a designer's touch to the

The Shangri-La Valance is only available with the Shangri-La fabric collection (fabric SKUs 100-XXXX). All other fabric collections utilize the Traditional Valance. The Traditional Valance is available with the following fabric collections:

- Symphony
- Marble Sanctuary
- Abyss
- Impressions
- Natural Serenity
- Reflection
- · Rain Sona
  - · Olive Branch
- Waterfall Cascade
  - Horizon
- Linen
- Regal
- Haven
- · Wind Chime

Windswept

See page 11 for information on upgrading to a hardwood Fascia.

#### **Traditional Valance**

The Traditional Valance is white and measures  $3\frac{3}{4}$ " high with  $5\frac{1}{4}$ " standard returns (on outside mounts). The valance features a matching fabric insert. The cord, tassels and cord tensioner are white.

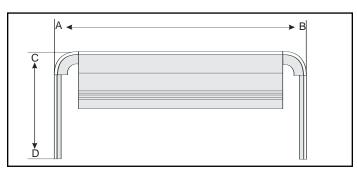


Figure R Valance Measuring Instructions

#### Measuring Instructions for Traditional Valance

- Traditional Valances and returns are cut at the outside measurement. The valance width is measured from points A to B including the rounded corners. The valance returns are measured from points C to D. (Figure R)
- Comfortex recommends measuring for the exact size of the valance needed when ordering a Traditional Valance.
- Comfortex recommends ordering a Traditional Valance with custom returns for an inside mount vertical with less than  $2\frac{1}{2}$ " of mounting depth.

#### Inside and Side Mounts

- **IB-Standard Valance:** The valance is made to the ordered blind width (plus rounded corners) minus 1/8". (Figure S)
- IB-Custom Valance: The valance is made exactly to the ordered valance width. (Point A to B on Figure R)
- IB-Valances with Custom Returns\*: The and returns will be made exactly to the ordered measurements. (Figure S)

#### **Outside Mount**

Outside mount Traditional Valances are made with returns.

- OB-Standard Valance: The valance is cut to the ordered blind width plus 11/4" on the outside of the valance with standard 51/4" returns.
- OB-Custom Valance with Custom Returns\*: The valance is cut to the ordered valance width on the outside of the valance with the returns cut to the ordered return length.\*\* (Figure S)
- When ordering custom Harmony Valances, Comfortex recommends adding at least 11/8" to the ordered width of the blind to avoid interference with the track and end vanes.
- Outside mount brackets with extension brackets project the valance  $5\frac{1}{4}$ " to  $6\frac{5}{8}$ " from the mounting surface.

#### Traditional Valance Returns

- Standard outside mount returns measure 51/4".
- Returns can be cut as small as  $4\frac{3}{4}$ ".
- Custom Returns: To determine a custom return length, add the component dimensions (mounting brackets, etc.) up to the wall. Subtract the measurements from any protrusions (molding, etc.). Please refer to Figures S and T for custom return lengths.

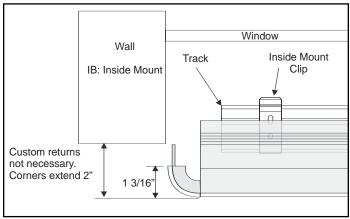


Figure S Inside Mount Valance

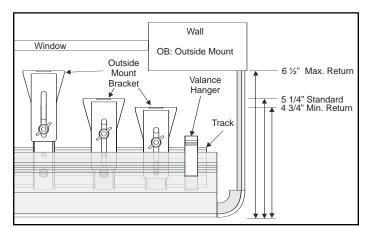
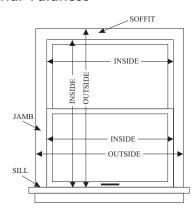


Figure T Outside Mount Valance with Custom Returns

#### <u>Traditional Valance For Harmony Cellular Verticals</u>

## Measuring the Window for Harmony with Traditional Valances



Inside Mount (Bracket - Figure U): Use a steel tape to measure across the width of your window opening in three different places - top, middle and bottom. Provide the smallest of the three measurements to Comfortex. Be exact. The factory will make the vertical 1/4" narrower so it will not rub against the window casing.

Measure the length of the window opening from the underside of the soffit to the surface of the window sill or floor in two places - use the smaller of these two measurements. The factory will make a ½" deduction for operating clearance.

**Side Mount** (Bracket - Figure V): Use a steel tape to measure across the width of your window opening in three different places - top, middle and bottom. Provide the smallest of the three measurements to Comfortex. Be exact. The factory will make the blind <sup>3</sup>/<sub>4</sub>" narrower to accommodate for the bracket.

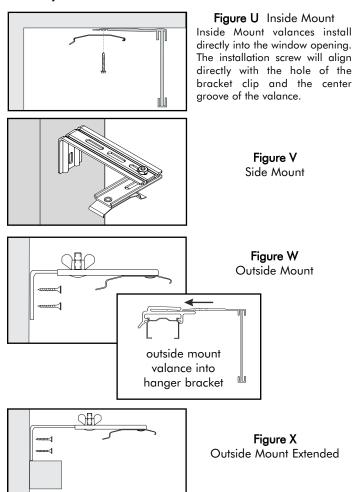
Measure the length of the window opening from the underside of the soffit to the surface of the window sill or floor in two places. Use the smaller of these two measurements. The factory will make a  $\frac{1}{2}$ " deduction for operating clearance.

**Outside Mount** (Bracket - Figure W and Figure X): Use a steel tape to measure the exact height and width of the area to be covered. Comfortex recommends a 4" overlap on each side to minimize potential light gaps. To measure the width for a vertical that fully uncovers the opening when drawn back, see page 14 for information on the stack back charts found on pages 15-16.

When the fabric does not hang to the floor, a minimum 4" overlap is recommended below the bottom of the opening.

When the fabric hangs to the floor, Comfortex recommends that you allow for a  $\frac{1}{2}$ " bottom clearance. Please deduct before orderina.

Harmony is mounted using a bracket that can be extended to project the shading beyond obstacles. By adjusting a screw and wing nut, the brackets can be adjusted to the proper length for the installation. Fully extended, the bracket measures 5".



## Mounting Harmony with Traditional Valance Inside Mount

Minimum casement depth: 3"
Minimum casement depth, fully recessed with valance:

Standard valance: ordered vertical width minus 1/8" Custom valance\*: custom size - please specify

#### **Outside Mount**

Minimum mounting surface height:  $1\frac{3}{4}$ " Recommended width overlap, per side: 4"

Recommended bottom overlap, when the vertical does not hang to the floor: 4"

Recommended bottom clearance, when the vertical hangs to the floor (deduct before ordering):

1/2"

Standard valance: ordered blind width plus 11/4"
Standard valance returns: 41/2"

Custom valance: custom size - please specify Custom returns\*: custom size - please specify

#### Side Mount

Minimum mounting surface depth: 13/4"
Standard valance: ordered blind width minus 1/8"

\* When ordering custom valances with returns, Comfortex recommends adding at least 11/8" to the ordered width of the blind to ensure there will not be any interference with the track and end vanes.

## Finished (Outside Mount Only)

#### Width In Inches

ı	36	48	54	60	66	72	78	84	90	96	108	120	132	144	156	168	180	192
without finials	228	242	253	265	272	284	290	302	309	321	327	339	346	360	372	394	418	440
Unfinished (Outside Mou	ınt On	ly)						٧	Vidth Ir	n Inche	s							

_																		
with finials	228	242	253	265	272	284	290	302	309	321	327	339	346	360	372	394	418	440
without finials	212	225	225	216	253	261	270	281	287	208	304	316	322	335	316	367	388	400 l

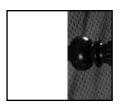
These prices are an upcharge. This item is not sold separately.

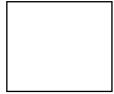
#### **Fascias**

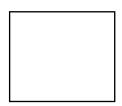
Fascia rods add visual impact to the top of your Harmony Cellular Vertical. A fascia rod is an alternative wood valance style, covering the Stardust head rail and giving it the look of a traditional drapery rod. A fascia rod replaces the standard valance when ordered.

All fascia rods are  $2\frac{1}{2}$ " around and feature your choice of end styles: decorative finials or returns. Choose the end style (Outside Mount only), fascia rod style and color.

## Fascia Options (1) End Styles (Outside Mount only):





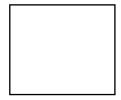


Ball Finial (4" long)

Regal Finial (5" long)

Returns

#### (2) Rod Styles:







Smooth

Large Reeds

Small Reeds

(3) Colors: Unfinished (00), White (10), Oak (20) Cherry (30) Dark Mahogany (40) or Black (50). Please consult the fascia sample deck or sample book for color matching.

Unfinished fascias are offered so customers can apply their own custom paints or stains. Unfinished fascias should not be installed without a finish because the unprotected wood will discolor over time.

#### Ordering

Each fascia is custom cut to your specifications. For an Outside Mount vertical, supply the width of the fascia rod and the measurements of the returns if you choose to order them.

- Select a fascia finish: Choose from Unfinished (00), White (10), Oak (20) Cherry (30) Dark Mahogany (40) or Black (50) to coordinate with the vertical or woodwork.
- Select a fascia style: Choose from Smooth, Large Reeds or Small Reeds. All styles are available in all finishes. Please supply the width of the fascia rod.
- Select an end style: Choose from Ball or Regal Finials or returns. Please supply the measurements of the returns.

#### Fascias Continued

#### Measurements

- Fascia Rod: All fascia rods are custom made to your exact ordered dimensions. Make sure to adjust fascia size to accommodate your specific application. Use guidelines below to determine proper ordering size.
- Inside Mount: Order the fascia rod 1/8" less than the ordered width of the vertical.

**Note**: Fascias for inside mounts cannot accommodate finials or returns.

Outside Mount with Finials: Order the fascia rod at least 1"greater than the ordered width of the vertical.

Note Finials will example and The fascia and will be a supplementation.

**Note**: Finials will overhang 6" on each end. The fascia rod will overhang the head rail by  $\frac{1}{2}$ ".

• Outside Mount with Returns: Order the fascia rod at least 2½" greater than the ordered width of the vertical. Note: Fascia rod returns are cut at the outside measurement (A to B on Figure Y). The standard outside mounting bracket can accommodate returns from 45/8" to 6". (Figure Z). Standard returns of 45/8" will be provided unless custom measurement is given.

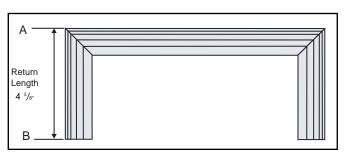


Figure Y Fascia Return Length

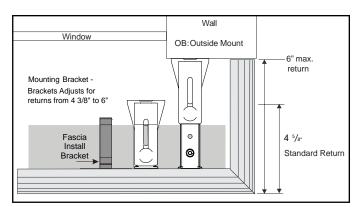


Figure Z Outside Mount Fascias

#### Harmony Cellular Verticals

#### Fascia Installation

**Inside Mount:** Fascias are assembled prior to shipping and attach to the head rail with Dual-Lock Velcro. (Figure AA)

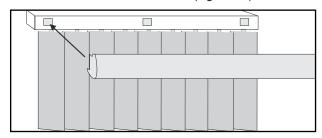
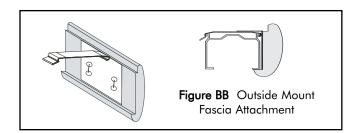


Figure AA Inside Mount Fascia Attachment

Outside Mount: Fascias are assembled prior to shipping and attach to the head rail with a mounting clip. (Figure BB)



## Harmony Cellular Verticals Vane Rotation

Harmony vanes rotate and traverse to the side, providing a full range of light control and privacy. Through the use of a cord and chain combination, Harmony vanes can be rotated into the following positions:

- Vanes Stacked: The vanes are pulled to the side to provide a clear, unobstructed view. Vanes should be rotated to the open position before pulling closed and stacked.
- Vanes Open: Natural light is free to enter the room when the vanes are open. (Figure CC)
- Vanes Slightly Rotated: Enjoy partially private view and variable degrees of light control when the vanes are slightly rotated.
- Vanes Closed: Enjoy privacy and light control when the vanes are rotated fully closed. When closed, a neutral color is presented to the exterior, with the colored portion of the vane to the interior. (Figure DD)

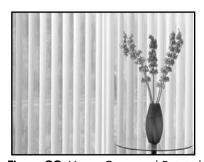


Figure CC Vanes Open and Rotated

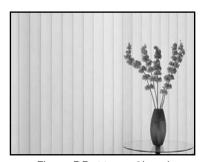


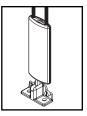
Figure DD Vanes Closed

#### Color Direction

Harmony Cellular Verticals feature vanes that are colored on one side and white on the other. The color faces to the right or left when the vanes are open or partially rotated.

#### Cord and Chain Information

The Harmony track system uses a cord and chain combination for vane rotation and traversing. This easy-to-use combination opens and closes the vertical, along with providing smooth vane rotation. The cord, chain and cord tensioner are white.



- The chain rotates the vanes effortlessly and is supplied with chain tassels.
- The traverse cord allows the vanes to move to and from the stacked position. The traverse cord is fitted with a cord tensioner device.
- The standard traverse cord length with the tensioner will equal the height of the blind and is fully adjustable.
- The standard rotation chain length is <sup>2</sup>/<sub>3</sub> the height of the blind and is fully adjustable.
- Custom length drops are available on both the traverse cord and rotation chain. Please specify the length in inches when ordering. The minimum chain length is 12".

#### Standard Cord and Chain Positions

The rotation chain and traverse cord can be placed on either side for split or side stack shadings. The controls must be placed on the same side and cannot be split.

The standard side stack cord and chain position is on the stack side.

For split and opposite stack applications, the track system is symmetrical, allowing for easy installation and reversibility.

#### Tilt Wand Control

The Tilt Wand is a convenient alternative to the traditional cord and chain control. This single control system protects children and pets from injuries caused by pull cords.

- The wand is a single control that provides both traversing and rotation of the vanes. Twist the wand to rotate vanes open and closed. Pull the wand across the blind to draw the vanes back and forth.
- The wand control is white.



#### Stack Back

For a window or door opening to be fully uncovered when an outside mounted blind is drawn open, you must take into account the width of the vanes stack(s) called a stack back. These charts (found on pages 15-16) can be also used to align the blind with moldings or other design features.

Due to the nature of the Harmony Cellular Verticals vanes, the stack back may vary slightly based on fabric selection. The stack back chart provides guidelines to assist to in determining the vane stack for your customer's application.

You can determine the stack back using the stack back charts by following these four steps:

- 1. Measure the desired uncovered width, rounding the measurement down to the nearest 1/8". With side stack units, include in the measurement the desired amount of overlap on the side opposite the fabric stack. Comfortex recommends a 4" overlap. (Figure EE and Figure FF)
- 2. Select chart reflecting your customers operating choice: wand or cord. Locate your measurement from Step 1 in the "Uncovered Width" column on the side stack or split stack charts. The "Uncovered Width" measurements include all measurements up to the measurement listed on the chart. For example, if your side stack width is 81" with wand tilt, locate the 84% measurement on the side stack chart.
- 3. Follow the line across to find the correct "Ordered Width" for that range.
- After determining the correct width to order, confirm that there is enough room to outside mount the vertical at that width.

#### For Cord Operation:

The maximum uncovered width on a side stack is 142%/6". The maximum uncovered width on a split stack is 1411/4".

#### For Wand Operation:

The maximum uncovered width on a side stack is 141½". The maximum uncovered width on a split stack is 141¼".

#### Stack Back Examples Side Stack with cord

If the "Uncovered Width" is 62", the "Ordered Width" size is  $83^{15}/_{16}$ ".

#### Split Stack with cord

If the "Uncovered Width" is 73", the stack back amount is  $13^{11}/_{16}$ " for each panel,  $27^3/_8$ " total. The "Ordered Width" size is  $100^3/_8$ ".

The customer wants her 84" wide patio doors to be uncovered when her side stack Harmony is drawn open. To minimize any light gap on the side opposite the fabric stack when the vertical is drawn closed, she wants a 4" overlap on the right side.

Opening width + overlap on right side: 84'' + 4'' = 88''

Uncovered width (rounded up to the next unit) for side stack units:  $89^{5}/8^{11}$ 

The correct ordered width is the uncovered width plus the stack back: 1221/2"

#### Harmony Cellular Verticals

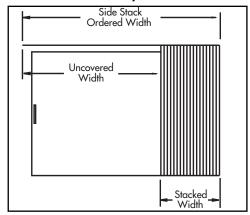


Figure EE Side Stack

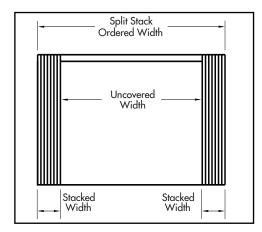


Figure FF Split Stack

#### **Opposite Stack**

An opposite stack cellular vertical is a side stack shading that has controls on the opposite side of the vane stack. Opposite stack shadings are often built to accommodate furniture or architectural features that interfere with standard side stack controls (on the the same side of the shading as the vane stack).

#### Harmony Cellular Verticals Harmony Cellular Verticals Stack Back Charts

These Stack Back charts apply exclusively to Harmony Cellular Verticals using the Impala Track System with cord and chain control.

Side Stack with Cord Control

Uncovered	Ordered	Stack Back	# of
Width	Width		Carriers
7 15/16 10 5/16 12 3/8 14 7/16 16 7/16 18 9/16 20 11/16 22 3/4 24 13/16 26 7/8 28 15/16 31 33 1/16 35 1/8 37 3/16 39 1/4 41 5/16 43 7/16 45 1/2 47 9/16 49 5/8 51 11/16 53 3/4 55 13/16 57 7/8 59 15/16 62 64 1/8 66 3/16 67 1/4 72 5/16 74 3/8 76 7/16 74 3/8 76 7/16 77 1/8 78 1/2 80 9/16 82 5/8 84 11/16 86 3/4 88 13/16 90 15/16 93 95 1/16 93 95 1/16 97 1/8 99 3/16 101 1/4 103 5/16 105 3/8 107 7/16 109 1/2 111 5/8 113 11/16 115 3/4 117 13/16 115 3/4 117 13/16 119 7/8	12 15 1/16 17 13/16 20 9/16 23 1/4 26 1/16 28 7/8 31 5/8 34 3/8 37 1/8 39 7/8 42 5/8 45 3/8 48 1/8 50 7/8 53 5/8 56 3/8 59 3/16 61 15/16 64 11/16 67 7/16 70 3/16 72 15/16 75 11/16 78 7/16 81 3/16 83 15/16 81 3/16 83 15/16 84 3/4 89 1/2 92 1/4 94 15/16 97 11/16 100 7/16 103 3/16 105 15/16 108 11/16 111 7/16 114 3/16 116 15/16 119 11/16 110 7/16 110 7/16 110 7/16 110 3/16 110 1/16 111 7/16 114 3/16 115/16 119 11/16 110 7/16 110 1/16 111 7/16 114 3/16 115/16 119 11/16 110 1/16 111 7/16 114 3/16 115/16 119 11/16 110 1/16	## 1/16 ## 3/4 ## 5 7/16 ## 6 13/16 ## 7 1/2 ## 8 3/16 ## 8 7/8 ## 9 9/16 ## 10 1/4 ## 10 15/16 ## 13 11/16 ## 13/8 ## 15 1/16 ## 13/8 ## 15 1/16 ## 13/8 ## 15 1/16 ## 13/16	4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58

Side Stack with Cord Control

Uncovered	Ordered		# of
Width	Width	Stack Back	Carriers
121 15/16	163 13/16	41 7/8	59
124	166 9/16	42 9/16	60
126 1/16	169 5/16	43 1/4	61
128 1/8	172 1/16	43 15/16	62
130 3/16	174 13/16	44 5/8	63
132 1/4	177 9/16	45 5/16	64
134 3/8	180 3/8	46	65
136 7/16	183 1/8	46 11/16	66
138 1/2	185 7/8	47 3/8	67
140 9/16	188 5/8	48 1/16	68
142 5/8	191 3/8	48 3/4	69
142 9/16	192	49 7/16	70

Split Stack with Cord Control

Uncovered Width         Ordered Width         Stack Back on Each side         Total # of Carriers         Carriers per side           11         7/8         20         4         1/16         8         4           19         1/4         28         3/4         4         3/4         10         5           23         3/8         34         1/4         5         7/16         12         6           27         1/2         39         3/4         6         1/8         14         7           31         1/2         45         1/8         6 13/16         16         8           35         3/4         50         3/4         7         1/2         18         9           40         56         3/8         8         3/16         20         10           44         1/8         61         7/8         8         7/8         22         11           48         1/4         67         3/8         9         9/16         24         12           52         3/8         72         7/8         10         1/4         26         13           56         1/2         78         3/8					# of
11         7/8         20         4         1/16         8         4           19         1/4         28         3/4         4         3/4         10         5           23         3/8         34         1/4         5         7/16         12         6           27         1/2         39         3/4         6         1/8         14         7           31         1/2         45         1/8         6         13/16         16         8           35         3/4         50         3/4         7         1/2         18         9           40         56         3/8         8         3/16         20         10           44         1/8         61         7/8         8         7/8         22         11           48         1/4         67         3/8         9         9/16         24         12           52         3/8         72         7/8         10         1/4         26         13           56         1/2         78         3/8         10         15/16         28         14           60         5/8         83         7/8	Uncovered	Ordered	Stack Back on	Total # of	Carriers
19       1/4       28       3/4       4       3/4       10       5         23       3/8       34       1/4       5       7/16       12       6         27       1/2       39       3/4       6       1/8       14       7         31       1/2       45       1/8       6       13/16       16       8         35       3/4       50       3/4       7       1/2       18       9         40       56       3/8       8       3/16       20       10         44       1/8       61       7/8       8       7/8       22       11         48       1/4       67       3/8       9       9/16       24       12         52       3/8       72       7/8       10       1/4       26       13         56       1/2       78       3/8       10       15/16       28       14         60       5/8       83       7/8       11       5/8       30       15         64       3/4       89       3/8       12       5/16       32       16         68       7/8       94	Width	Width	each side	Carriers	per side
23         3/8         34         1/4         5         7/16         12         6           27         1/2         39         3/4         6         1/8         14         7           31         1/2         45         1/8         6         13/16         16         8           35         3/4         50         3/4         7         1/2         18         9           40         56         3/8         8         3/16         20         10           44         1/8         61         7/8         8         7/8         22         11           48         1/4         67         3/8         9         9/16         24         12           52         3/8         72         7/8         10         1/4         26         13           56         1/2         78         3/8         10         15/16         28         14           60         5/8         83         7/8         11         5/8         30         15           64         3/4         89         3/8         12         5/16         32         16           68         7/8         94 </td <td></td> <td>20</td> <td>4 1/16</td> <td></td> <td></td>		20	4 1/16		
27         1/2         39         3/4         6         1/8         14         7           31         1/2         45         1/8         6         13/16         16         8           35         3/4         50         3/4         7         1/2         18         9           40         56         3/8         8         3/16         20         10           44         1/8         61         7/8         8         7/8         22         11           48         1/4         67         3/8         9         9/16         24         12           52         3/8         72         7/8         10         1/4         26         13           56         1/2         78         3/8         10         15/16         28         14           60         5/8         83         7/8         11         5/8         30         15           64         3/4         89         3/8         12         5/16         32         16           68         7/8         94         7/8         13         34         17           73         100         3/8         13<	19 1/4	28 3/4	4 3/4	10	5
31       1/2       45       1/8       6       13/16       16       8         35       3/4       50       3/4       7       1/2       18       9         40       56       3/8       8       3/16       20       10         44       1/8       61       7/8       8       7/8       22       11         48       1/4       67       3/8       9       9/16       24       12         52       3/8       72       7/8       10       1/4       26       13         56       1/2       78       3/8       10       15/16       28       14         60       5/8       83       7/8       11       5/8       30       15         64       3/4       89       3/8       12       5/16       32       16         68       7/8       94       7/8       13       34       17         73       100       3/8       13       11/16       36       18         77       1/8       105       7/8       14       3/8       38       19         81       1/4       111       3/8       1		34 1/4	,	12	
35         3/4         50         3/4         7         1/2         18         9           40         56         3/8         8         3/16         20         10           44         1/8         61         7/8         8         7/8         22         11           48         1/4         67         3/8         9         9/16         24         12           52         3/8         72         7/8         10         1/4         26         13           56         1/2         78         3/8         10         15/16         28         14           60         5/8         83         7/8         11         5/8         30         15           64         3/4         89         3/8         12         5/16         32         16           68         7/8         94         7/8         13         34         17           73         100         3/8         13         11/16         36         18           77         1/8         105         7/8         14         3/8         38         19           81         1/4         111         3/8         <	27 1/2	39 3/4	6 1/8	14	7
40         56         3/8         8         3/16         20         10           44         1/8         61         7/8         8         7/8         22         11           48         1/4         67         3/8         9         9/16         24         12           52         3/8         72         7/8         10         1/4         26         13           56         1/2         78         3/8         10         15/16         28         14           60         5/8         83         7/8         11         5/8         30         15           64         3/4         89         3/8         12         5/16         32         16           68         7/8         94         7/8         13         34         17           73         100         3/8         13         11/16         36         18           77         1/8         105         7/8         14         3/8         38         19           81         1/4         111         3/8         15         1/16         40         20           85         1/2         117         15	31 1/2	45 1/8	6 13/16	16	
44         1/8         61         7/8         8         7/8         22         11           48         1/4         67         3/8         9         9/16         24         12           52         3/8         72         7/8         10         1/4         26         13           56         1/2         78         3/8         10         15/16         28         14           60         5/8         83         7/8         11         5/8         30         15           64         3/4         89         3/8         12         5/16         32         16           68         7/8         94         7/8         13         34         17           73         100         3/8         13         11/16         36         18           77         1/8         105         7/8         14         3/8         38         19           81         1/4         111         3/8         15         1/16         40         20           85         1/2         117         15         3/4         42         21           89         5/8         122         1/2	35 3/4	50 3/4	7 1/2	18	9
48         1/4         67         3/8         9         9/16         24         12           52         3/8         72         7/8         10         1/4         26         13           56         1/2         78         3/8         10         15/16         28         14           60         5/8         83         7/8         11         5/8         30         15           64         3/4         89         3/8         12         5/16         32         16           68         7/8         94         7/8         13         34         17           73         100         3/8         13         11/16         36         18           77         1/8         105         7/8         14         3/8         38         19           81         1/4         111         3/8         15         1/16         40         20           85         1/2         117         15         3/4         42         21           89         5/8         122         1/2         16         7/16         44         22           93         3/4         128         17	40	56 3/8	8 3/16	20	10
52         3/8         72         7/8         10         1/4         26         13           56         1/2         78         3/8         10         15/16         28         14           60         5/8         83         7/8         11         5/8         30         15           64         3/4         89         3/8         12         5/16         32         16           68         7/8         94         7/8         13         34         17           73         100         3/8         13         11/16         36         18           77         1/8         105         7/8         14         3/8         38         19           81         1/4         111         3/8         15         1/16         40         20           85         1/2         117         15         3/4         42         21           89         5/8         122         1/2         16         7/16         44         22           93         3/4         128         17         1/8         46         23           97         7/8         133         1/2         17	44 1/8	61 7/8	8 7/8	22	11
56         1/2         78         3/8         10         15/16         28         14           60         5/8         83         7/8         11         5/8         30         15           64         3/4         89         3/8         12         5/16         32         16           68         7/8         94         7/8         13         34         17           73         100         3/8         13         11/16         36         18           77         1/8         105         7/8         14         3/8         38         19           81         1/4         111         3/8         15         1/16         40         20           85         1/2         117         15         3/4         42         21           89         5/8         122         1/2         16         7/16         44         22           93         3/4         128         17         1/8         46         23           97         7/8         133         1/2         17         13/16         48         24           102         139         18         1/2         50 <td>48 1/4</td> <td>67 3/8</td> <td>9 9/16</td> <td>24</td> <td>12</td>	48 1/4	67 3/8	9 9/16	24	12
60         5/8         83         7/8         11         5/8         30         15           64         3/4         89         3/8         12         5/16         32         16           68         7/8         94         7/8         13         34         17           73         100         3/8         13         11/16         36         18           77         1/8         105         7/8         14         3/8         38         19           81         1/4         111         3/8         15         1/16         40         20           85         1/2         117         15         3/4         42         21           89         5/8         122         1/2         16         7/16         44         22           93         3/4         128         17         1/8         46         23           97         7/8         133         1/2         17         13/16         48         24           102         139         18         1/2         50         25           106         1/8         144         1/2         19         3/16         52 <td>52 3/8</td> <td>72 7/8</td> <td>10 1/4</td> <td>26</td> <td>13</td>	52 3/8	72 7/8	10 1/4	26	13
64         3/4         89         3/8         12         5/16         32         16           68         7/8         94         7/8         13         34         17           73         100         3/8         13         11/16         36         18           77         1/8         105         7/8         14         3/8         38         19           81         1/4         111         3/8         15         1/16         40         20           85         1/2         117         15         3/4         42         21           89         5/8         122         1/2         16         7/16         44         22           93         3/4         128         17         1/8         46         23           97         7/8         133         1/2         17         13/16         48         24           102         139         18         1/2         50         25           106         1/8         144         1/2         19         3/16         52         26           110         1/4         150         19         7/8         54         27 </td <td>56 1/2</td> <td>78 3/8</td> <td>10 15/16</td> <td>28</td> <td>14</td>	56 1/2	78 3/8	10 15/16	28	14
68         7/8         94         7/8         13         34         17           73         100         3/8         13         11/16         36         18           77         1/8         105         7/8         14         3/8         38         19           81         1/4         111         3/8         15         1/16         40         20           85         1/2         117         15         3/4         42         21           89         5/8         122         1/2         16         7/16         44         22           93         3/4         128         17         1/8         46         23           97         7/8         133         1/2         17         13/16         48         24           102         139         18         1/2         50         25           106         1/8         144         1/2         19         3/16         52         26           110         1/4         150         19         7/8         54         27           114         3/8         155         1/2         20         9/16         56         28	60 5/8	83 7/8	11 5/8	30	15
73         100 3/8         13 11/16         36         18           77 1/8         105 7/8         14 3/8         38         19           81 1/4         111 3/8         15 1/16         40         20           85 1/2         117         15 3/4         42         21           89 5/8         122 1/2         16 7/16         44         22           93 3/4         128         17 1/8         46         23           97 7/8         133 1/2         17 13/16         48         24           102         139         18 1/2         50         25           106 1/8         144 1/2         19 3/16         52         26           110 1/4         150         19 7/8         54         27           114 3/8         155 1/2         20 9/16         56         28           118 1/2         161         21 1/4         58         29           122 5/8         166 1/2         21 15/16         60         30           126 7/8         172 1/8         22 5/8         62         31           131         177 5/8         23 5/16         64         32           135 1/8         183 1/8         24 <td>64 3/4</td> <td>89 3/8</td> <td>12 5/16</td> <td>32</td> <td>16</td>	64 3/4	89 3/8	12 5/16	32	16
77         1/8         105         7/8         14         3/8         38         19           81         1/4         111         3/8         15         1/16         40         20           85         1/2         117         15         3/4         42         21           89         5/8         122         1/2         16         7/16         44         22           93         3/4         128         17         1/8         46         23           97         7/8         133         1/2         17         13/16         48         24           102         139         18         1/2         50         25           106         1/8         144         1/2         19         3/16         52         26           110         1/4         150         19         7/8         54         27           114         3/8         155         1/2         20         9/16         56         28           118         1/2         161         21         1/4         58         29           122         5/8         166         1/2         21         15/16 <t< td=""><td>68 7/8</td><td>94 7/8</td><td>13</td><td>34</td><td>17</td></t<>	68 7/8	94 7/8	13	34	17
81     1/4     111     3/8     15     1/16     40     20       85     1/2     117     15     3/4     42     21       89     5/8     122     1/2     16     7/16     44     22       93     3/4     128     17     1/8     46     23       97     7/8     133     1/2     17     13/16     48     24       102     139     18     1/2     50     25       106     1/8     144     1/2     19     3/16     52     26       110     1/4     150     19     7/8     54     27       114     3/8     155     1/2     20     9/16     56     28       118     1/2     161     21     1/4     58     29       122     5/8     166     1/2     21     15/16     60     30       126     7/8     172     1/8     22     5/8     62     31       131     177     5/8     23     5/16     64     32       135     1/8     183     1/8     24     66     33       139     1/8     188     1/2     24     11/16	73	100 3/8	13 11/16	36	18
85         1/2         117         15         3/4         42         21           89         5/8         122         1/2         16         7/16         44         22           93         3/4         128         17         1/8         46         23           97         7/8         133         1/2         17         13/16         48         24           102         139         18         1/2         50         25           106         1/8         144         1/2         19         3/16         52         26           110         1/4         150         19         7/8         54         27           114         3/8         155         1/2         20         9/16         56         28           118         1/2         161         21         1/4         58         29           122         5/8         166         1/2         21         15/16         60         30           126         7/8         172         1/8         22         5/8         62         31           131         177         5/8         23         5/16         64         <	77 1/8	105 7/8	14 3/8	38	19
89         5/8         122         1/2         16         7/16         44         22           93         3/4         128         17         1/8         46         23           97         7/8         133         1/2         17         13/16         48         24           102         139         18         1/2         50         25           106         1/8         144         1/2         19         3/16         52         26           110         1/4         150         19         7/8         54         27           114         3/8         155         1/2         20         9/16         56         28           118         1/2         161         21         1/4         58         29           122         5/8         166         1/2         21         15/16         60         30           126         7/8         172         1/8         22         5/8         62         31           131         177         5/8         23         5/16         64         32           135         1/8         183         1/8         24         66	81 1/4	111 3/8	15 1/16	40	20
93         3/4         128         17         1/8         46         23           97         7/8         133         1/2         17         13/16         48         24           102         139         18         1/2         50         25           106         1/8         144         1/2         19         3/16         52         26           110         1/4         150         19         7/8         54         27           114         3/8         155         1/2         20         9/16         56         28           118         1/2         161         21         1/4         58         29           122         5/8         166         1/2         21         15/16         60         30           126         7/8         172         1/8         22         5/8         62         31           131         177         5/8         23         5/16         64         32           135         1/8         183         1/8         24         66         33           139         1/8         188         1/2         24         11/16         68	85 1/2	117	15 3/4	42	21
97         7/8         133         1/2         17         13/16         48         24           102         139         18         1/2         50         25           106         1/8         144         1/2         19         3/16         52         26           110         1/4         150         19         7/8         54         27           114         3/8         155         1/2         20         9/16         56         28           118         1/2         161         21         1/4         58         29           122         5/8         166         1/2         21         15/16         60         30           126         7/8         172         1/8         22         5/8         62         31           131         177         5/8         23         5/16         64         32           135         1/8         183         1/8         24         66         33           139         1/8         188         1/2         24         11/16         68         34	89 5/8	122 1/2	16 7/16	44	22
102         139         18 1/2         50         25           106 1/8         144 1/2         19 3/16         52         26           110 1/4         150         19 7/8         54         27           114 3/8         155 1/2         20 9/16         56         28           118 1/2         161         21 1/4         58         29           122 5/8         166 1/2         21 15/16         60         30           126 7/8         172 1/8         22 5/8         62         31           131         177 5/8         23 5/16         64         32           135 1/8         183 1/8         24         66         33           139 1/8         188 1/2         24 11/16         68         34	93 3/4	128	17 1/8	46	23
106     1/8     144     1/2     19     3/16     52     26       110     1/4     150     19     7/8     54     27       114     3/8     155     1/2     20     9/16     56     28       118     1/2     161     21     1/4     58     29       122     5/8     166     1/2     21     15/16     60     30       126     7/8     172     1/8     22     5/8     62     31       131     177     5/8     23     5/16     64     32       135     1/8     183     1/8     24     66     33       139     1/8     188     1/2     24     11/16     68     34	97 7/8	133 1/2	17 13/16	48	24
110     1/4     150     19     7/8     54     27       114     3/8     155     1/2     20     9/16     56     28       118     1/2     161     21     1/4     58     29       122     5/8     166     1/2     21     15/16     60     30       126     7/8     172     1/8     22     5/8     62     31       131     177     5/8     23     5/16     64     32       135     1/8     183     1/8     24     66     33       139     1/8     188     1/2     24     11/16     68     34		139	18 1/2	50	25
114     3/8     155     1/2     20     9/16     56     28       118     1/2     161     21     1/4     58     29       122     5/8     166     1/2     21     15/16     60     30       126     7/8     172     1/8     22     5/8     62     31       131     177     5/8     23     5/16     64     32       135     1/8     183     1/8     24     66     33       139     1/8     188     1/2     24     11/16     68     34	106 1/8	144 1/2	19 3/16	52	26
118     1/2     161     21     1/4     58     29       122     5/8     166     1/2     21     15/16     60     30       126     7/8     172     1/8     22     5/8     62     31       131     177     5/8     23     5/16     64     32       135     1/8     183     1/8     24     66     33       139     1/8     188     1/2     24     11/16     68     34	110 1/4	150	19 7/8	54	27
122     5/8     166     1/2     21     15/16     60     30       126     7/8     172     1/8     22     5/8     62     31       131     177     5/8     23     5/16     64     32       135     1/8     183     1/8     24     66     33       139     1/8     188     1/2     24     11/16     68     34	114 3/8	155 1/2	20 9/16	56	28
126     7/8     172     1/8     22     5/8     62     31       131     177     5/8     23     5/16     64     32       135     1/8     183     1/8     24     66     33       139     1/8     188     1/2     24     11/16     68     34	118 1/2	161		58	29
131     177     5/8     23     5/16     64     32       135     1/8     183     1/8     24     66     33       139     1/8     188     1/2     24     11/16     68     34	122 5/8	166 1/2	21 15/16	60	30
135     1/8     183     1/8     24     66     33       139     1/8     188     1/2     24     11/16     68     34	, -	172 1/8			
139 1/8 188 1/2 24 11/16 68 34	131	177 5/8	23 5/16	64	
		183 1/8			33
141 1/4 192 25 3/8 70 35	139 1/8				
	141 1/4	192	25 3/8	70	35

continued in next column...

#### Harmony Cellular Verticals Stack Back Charts

These Stack Back charts apply exclusively to Harmony Cellular Verticals using the Impala Track System with wand control.

Side Stack with Wand Control

Uncovered	Ordered	G:   D	# of
Uncovered Width  7 1/4 12 14 1/16 16 1/16 18 3/16 20 5/16 22 3/8 24 7/16 26 1/2 28 9/16 30 5/8 32 11/16 34 3/4 36 13/16 38 7/8 40 15/16 43 1/16 45 1/8 47 3/16 45 1/8 47 3/16 53 3/8 55 7/16 53 3/8 55 7/16 61 5/8 63 3/4 65 13/16 67 7/8 69 7/8 71 15/16 74 76 1/16 78 1/8 80 3/16 82 1/4 84 5/16 86 3/8 88 7/16 90 9/16 92 5/8 94 11/16 96 3/4 98 13/16 100 7/8 102 15/16 105 107 1/16 105 107 1/16 105 107 1/16 109 1/8 111 1/4 113 5/16 115 3/8	Ordered Width  12 17 7/16 20 3/16 22 7/8 25 11/16 28 1/2 31 1/4 34 36 3/4 39 1/2 42 1/4 45 47 3/4 50 1/2 53 1/4 56 58 13/16 61 9/16 64 5/16 67 1/16 69 13/16 72 9/16 75 5/16 78 1/16 80 13/16 83 9/16 86 3/8 89 1/8 91 7/8 94 9/16 97 5/16 100 1/16 102 13/16 105 9/16 100 1/16 102 13/16 105 9/16 101 1/16 113 13/16 116 9/16 111 1/16 113 13/16 116 9/16 111 1/16 113 13/16 116 9/16 119 5/16 122 1/8 124 7/8 127 5/8 130 3/8 133 1/8 135 7/8 138 5/8 141 3/8 144 1/8 146 7/8 149 11/16 152 7/16 155 3/16	Stack Back  4 3/4 5 7/16 6 1/8 6 13/16 7 1/2 8 3/16 8 7/8 9 9/16 10 1/4 10 15/16 11 5/8 12 5/16 13 13 11/16 14 3/8 15 1/16 15 3/4 16 7/16 17 1/8 17 13/16 18 1/2 19 3/16 19 7/8 20 9/16 21 1/4 21 15/16 22 5/8 23 5/16 24 24 11/16 25 3/8 26 1/16 27 7/16 28 1/8 28 13/16 29 1/2 30 3/16 30 7/8 31 9/16 32 1/4 32 15/16 33 5/8 34 5/16 35 35 11/16 36 3/8 37 1/16 37 3/4 38 7/16 39 1/8 39 13/16	# of Carriers  5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56

Side Stack with Wand Control

	Uncovered	Ordered		# of
	Width	Width	Stack Back	Carriers
	121 9/16	163 7/16	41 7/8	59
	123 5/8	166 3/16	42 9/16	60
1	125 11/16	168 15/16	43 1/4	61
1	127 3/4	171 11/16	43 15/16	62
1	129 13/16	174 7/16	44 5/8	63
	131 7/8	177 3/16	45 5/16	64
	134	180	46	65
	136 1/16	182 3/4	46 11/16	66
	138 1/8	185 1/2	47 3/8	67
	140 3/16	188 1/4	48 1/16	68
ı	142 1/4	191	48 3/4	69
ı	142 3/16	191 5/8	49 7/16	70
	141 1/2	191 5/8	50 1/8	71

Split Stack with Wand Control

Uncovered Width	Ordered Width	Stack Back on each side	Total # of Carriers	# of Carriers per side
11 7/8	20	4 1/16	8	4
19 3/8	28 7/8	4 3/4	10	5
23 1/2	34 3/8	5 7/16	12	6
27 5/8	39 7/8	6 1/8	14	7
31 5/8	45 1/4	6 13/16	16	8
35 7/8	50 7/8	7 1/2	18	9
40 1/8	56 1/2	8 3/16	20	10
44 1/4	62	8 7/8	22	11
48 3/8	67 1/2	9 9/16	24	12
52 1/2	73	10 1/4	26	13
56 5/8	78 1/2	10 15/16	28	14
60 3/4	84	11 5/8	30	15
64 7/8	89 1/2	12 5/16	32	16
69	95	13	34	17
73 1/8	100 1/2	13 11/16	36	18
77 1/4	106	14 3/8	38	19
81 3/8	111 1/2	15 1/16	40	20
85 5/8	117 1/8	15 3/4	42	21
89 3/4	122 5/8	16 7/16	44	22
93 7/8	128 1/8	17 1/8	46	23
98	133 5/8	17 13/16	48	24
102 1/8	139 1/8	18 1/2	50	25
106 1/4	144 5/8	19 3/16	52	26
110 3/8	150 1/8	19 7/8	54	27
114 1/2	155 5/8	20 9/16	56	28
118 5/8	161 1/8	21 1/4	58	29
122 3/4	166 5/8	21 15/16	60	30
127	172 1/4	22 5/8	62	31
131 1/8	177 3/4	23 5/16	64	32
135 1/4	183 1/4	24	66	33
139 1/4	188 5/8	24 11/16	68	34
141 1/4	192	25 3/8	70	35

continued in next column...

## Harmony Cellular Verticals End Cut Out Verticals

Harmony Cellular Verticals are available with end cut outs. There is a maximum cut out of  $5\frac{1}{2}$  per side.

- Cut out verticals have a \$30.00 surcharge for each side added to the price of the blind.
- Bottom cut-out blinds must be a split stack.
- Edge cut out blinds must stack to the longest side.
- Be sure to take exact measurements for your blind with cut outs (Figure GG) and include a diagram of the window with the Harmony order form.

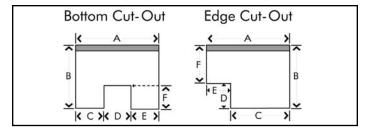


Figure GG Cut Out Measurements

#### Multicolored Verticals

Any number of colors, within the same fabric collection, may be combined into one vertical blind for a unique and customized look. Refer to the Stack Back Charts on pages 15-16 to determine how many vanes are used to build a blind. This option is available at no extra charge.

#### Harmony Cellular Verticals Features at a Glance

- Harmony's soft, three dimensional "pocket cell" vanes provide elegance and energy efficiency.
- Harmony's "pocket cell" vanes match those of Shangri-La® Sheer Horizontals and Symphony® Cellular Shades for an elegant and unified ensemble.
- Laboratory tests show that Harmony Cellular Verticals, when closed, are up to 50% more effective than standard fabric verticals in reducing air flow through double pane windows.
- Every vane hangs straight without the use of cumbersome weights or distracting bottom chains.
- Neutral vertical backing blends for a uniform exterior appearance.
- Individual vanes can be removed for gentle hand washing or ultrasonic cleaning.
- Harmony's elliptical vanes accommodate light filtering or room darkening inserts.
- Harmony fabric edges are cut cleanly and resist fraying year after year.
- Stack vanes to one side (side stack) or both sides (split stack) depending on your preference.
- Our top-quality hardware system assures smooth and quiet operation for a lifetime with a full range of vane motion.

## Harmony Cellular Verticals Features at a Glance continued

- Harmony features valances that hold a color coordinated insert strips.
- Choose a hardwood Fascia as an attractive valance alternative.
- Accommodates windows and sliding glass doors up to 192" wide and up to 144" in length.
- Easy to install hardware and brackets make for effortless installations and easy removal for cleaning.
- A Limited Lifetime Warranty serves as a commitment to your satisfaction.

#### Cleaning and Care

While beautiful and pleasing to the eye, all Comfortex products are designed to be durable, easily cared for and easily cleaned. Regular feather dusting or vacuuming will keep our Harmony Cellular Verticals looking new for years.

Spills and stains can be lightly blotted with a cloth or damp sponge. More difficult stains may require gentle washing in water with mild soap. For this, remove the vane from the window. Remove the polyester vane insert and submerge, soak and rub lightly. Lay flat or place back in the window to dry.

Harmony's vanes can be ironed if they become wrinkled. Remove the vane from the window and then remove the insert from the vane. Iron the vane at a level 2 or "silk" setting. Replace vane insert and replace the vane in the window.

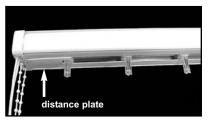
Harmony Cellular Verticals can be ultrasonically cleaned.

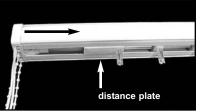
ON-SITETM Corporation provides shade and blind cleaning services. For more information, visit www.on-sitecorp.com or to find a ON-SITE dealer nearest you check the yellow pages or simply call 800-598-9043. Comfortex acknowledges these cleaning methods as being safe and effective. We cannot attest to the quality of equipment or services provided by any independent cleaning facility.

#### Movable Stack

Harmony Verticals have a feature which allows homeowners to push the vanes out of the way in order to wash windows. Simply unsnap and slide the distance plate in the opposite direction that the vanes stack. The carrier clips will move freely within the track, allowing the vane stack to be moved to the opposite end.

For additional advice on care or cleaning, please contact our Technical Services Department.



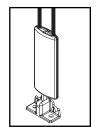


#### General Information

#### Child Safety

Be aware that it is possible for children to become entangled in window coverings cords. To reduce the risk of accidents, all cords must be kept out of the reach of children.

The cord and chain combination used on Harmony Cellular Verticals utilizes a cord tensioning device to keep children and pets safe.



A wand option is also available which eliminates the need for cords all together.

#### Conditions of Sale

All Comfortex products are custom fabricated to your exact specifications. We cannot accept responsibility for errors in ordering or cancellations and changes after the order is in production.

#### **Policies**

Our policies are designed to provide a guide for doing business with Comfortex. Our first priority and number one policy is to provide the highest level of service and total satisfaction.

Freight: Freight: On orders for fabricated shades, our standard policy is to ship freight free via UPS Ground within the continental United States. Shipments to Hawaii will incur a per order freight charge of \$57.00 for Oahu and \$88.00 for all neighboring islands. Boxed shades, track, or vanes that do not meet the UPS size and weight requirement will ship common carrier. There will be a direct common carrier fee of \$40.00 for each order that requires this mode of transportation. Exception: Verticals with lengths of 94" or more are required to ship by motor freight. An \$88.00 common carrier surcharge will be added to orders shipping to Hawaii and Alaska in addition to the rates listed above. In addition, a per unit transportation surcharge will be added to all fabricated product orders. See our Freight Policy on www.comfortexdealers.com for more details.

Note: Comfortex reserves the right to select another carrier, modify shipping terms or change freight policies without notice.

Service and Repair: Service may be obtained by contacting our Customer Service Department. No products, parts, components or other materials will be authorized for return or repair without prior approval from Comfortex. A Return Authorization (RA) may be obtained by contacting our Technical Service Department. In order to provide the quickest service possible, please have your Comfortex Work Order number and original order information available when you call.

**Specifications:** All Comfortex products are designed and tested to perform as intended within established, published parameters. Requests for "custom fabrication" of products outside of our published specifications may be considered, but are at the discretion of the Comfortex Technical Services department. Restrictions and additional charges apply.

Download installation instructions, order forms or additional price list copies at www.comfortexdealers.com. The files can be found in the For Our Dealers section.

#### Harmony Cellular Verticals Limited Lifetime Warranty

Comfortex warrants that its window treatments will be free from defects in materials and workmanship for as long as the original residential purchaser owns the product, provided that the product was installed properly and in accordance with the installation instructions. The limited lifetime warranty is extended to the original residential purchaser only, in the original window for which it was installed.

All moving parts, such as cords, may eventually wear out. Comfortex considers this to be normal wear and tear and these parts will carry a three year limited warranty. Performance of fabric is dependent on its fiber content and weave. Inherent characteristics of fabric are not covered under warranty. These include, but are not limited to, reactions to heat and humidity fluctuations and fraying.

This limited warranty does not cover transportation costs to and from the retailer, costs of removal, re-measure, or reinstallation of product, or any incidental or consequential damages.

If a Comfortex product is found to be defective in materials or workmanship, we will, at our discretion, repair, replace or refund the cost of a product which fails to conform to this limited warranty. Colors vary from lot to lot and may not exactly match sample swatch, sample book, or previous purchases. Discontinued components or color selections will be replaced with the closest equivalent current product. This shall be your sole remedy under this limited warranty.

To obtain service, contact the dealer from whom you purchased the product.

This warranty is exclusive and in lieu of all other obligations, liabilities or warranties. In no event shall Comfortex or its licensed fabricators or distributors be liable for incidental or consequential damages, or for any other damage, loss or expense, cost or fee associated with such damage. In some states, exclusions for incidental or consequential damages are not allowable.

This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state. Policy is subject to change without notice.

This limited warranty is exclusive of commercial use. Contact Comfortex Technical Service for more information. No agent, representative, dealer or unauthorized employee has the authority to increase or alter the obligation of this warranty.

This limited warranty supersedes any previous versions.

## AS PART OF OUR CONTINUING PRODUCT IMPROVEMENT EFFORT, COMFORTEX RESERVES THE RIGHT TO MAKE CHANGES WITHOUT NOTICE.

#### **COMFORTEX HARMONY CELLULAR VERTICALS INCLUDE:**

- Two additional Harmony Cellular Verticals Fascia colors: Black and Dark Mahogany.
- Designer Select Valances which are reminiscent of classic cornices and features five valance trim colors with matching vane inserts.
- Harmony's soft, three dimensional 'pocket cell' vanes to provide elegance and energy efficiency.
- Laboratory tests which show that Harmony Cellular Verticals, when closed, are up to 50% more effective than standard fabric verticals in reducing air flow through double pane windows.
- Vanes that hang straight without the use of cumbersome weights or distracting bottom chains.