



RESIDENTIAL WINDOW SHADE
REFERENCE GUIDE
(FULL PROGRAM)

DRAPER[®]
AT HOME

HAVE QUESTIONS? *We are here to help. Use our online chat tool or reach out at: 1.800.238.7999 - www.draperathome.com/contactus*

WHAT'S NEW

PRICELIST AND REFERENCE GUIDE:

Draper® has replaced our printed price list with a downloadable Excel spreadsheet. It contains all pricing previously available in the price list pdf document. We have also created a more comprehensive companion reference guide. Both documents are available under Draper Toolbox in the Draper Pro Portal.

FABRIC INVENTORY LIST:

We maintain a list of recommended fabrics that we keep in inventory in the Pro Portal. Choosing fabrics from this list is the best way to make sure your orders are filled quickly.

PRODUCTS:

FlexStyle® Motorized Window Shades

The new exposed roller FlexStyle is available in 9 luxurious hardware colors and with hundreds fabric choices from American weavers Phifer and Mermet USA. Your customers will want to show these off! See page 14.



Gabled Bottom-Up FlexShade®

What do you do when you have an angled window that requires interior shading? The new Gabled Bottom-Up FlexShade can handle angles up to 45 degrees in either direction.

Reverse Roll Fascia

If obstacles create the need to reverse roll shades, you can now order fascia designed specifically for that application. Reverse roll fascia comes in the same colors as our standard fascia.

Zigbee Motors

Draper Motorized shades now feature Somfy AC and battery motors with built-in Zigbee technology. Zigbee monitors and controls shades through a self-healing mesh network.

Antimony Free Fabrics

In 2022 the state of Massachusetts began restricting the use of antimony trioxide in textiles. If you have shade projects in Massachusetts, ask about our growing list of antimony-free fabrics.

Child Safety

In order to comply with ANSI/WCMA A100-2022, all clutch operated shades manufactured by Draper after May 31, 2024, ship with a tensioned hold down device that, when improperly installed, partially makes the shade inoperable.

Draper offers several safe alternatives for use where children may be present, including:

- **FlexShade Twin Pull**
- **FlexShade Recharge**
- **FlexShade Battery**
- **Motorized FlexShade**
- **Crank-Operated FlexShade**
- **Spring Roller FlexShade**

DRAPER® TOOLS:

DRAPERONLINE

Get Connected: Draper® Online is the comprehensive pricing, quote generation, and ordering system.

Register today to enter quotations and orders 24/7!

www.draperinc.com/draperonline/requestaccess.aspx

Find draperonline.com quoting instructions:

www.draperinc.com/draperonline/draperonlineinstructions.pdf

For a full listing of Draper Online product codes, see page 8. Product codes also are shown on each product page like this:

FLEXSHADE MO

PRO PORTAL

Submit and track your order, verify your information, and more! Registration is free!

www.draperinc.com/draperpro/portal.aspx



FLEXSHADE® MANUFACTURING STANDARDS

Draper® shades are measured **width x height (W x H)**. For pricing purposes, always round up to next increment on pricing grids.

Draper will not review previous orders unless specifically noted.

If controls/parts/components have been shipped separately and ahead of the shades, it is the dealer's responsibility to inform Draper of the previous order number, so all components are compatible.

Draper will review orders of large shades to determine whether steel stiffening battens are required. Contact Draper for details. There will be an extra cost if battens are required.

MEASUREMENTS

Inside measurement is standard. Unless specified, Draper will make a small product specific deduction. If supplying outside cloth width measurement instead, please specify.

BRACKETS

Brackets are supplied as standard if no hardware is specified. Draper will not provide mounting fasteners.

HARDWARE

Clear anodized is standard if hardware color is not specified. Custom powder coat colors available upon request. If metallic colors are necessary, contact Draper for limitations.

For orders with multiple shades, hardware size and style is determined by the size and standard of the individual shade, and sizes and styles will not be matched as a group, unless a dealer clearly requests matching hardware. **To request matching hardware, please include room numbers to match.**

ROLLERS

On manual shade orders roller diameters will not be matched, except upon request. On motorized shade orders it's important that roller diameters be matched so the shades will all operate at the same speed. It is a dealer's responsibility to let Draper know what shades are in the same room so that we can match the roller diameter.

OPERATORS

Right-hand operator location is standard. (The spring component is always inside the left end of the roller for spring-roller shades.)

Stainless steel chain is standard for clutch-operated shades.

Chain length is 6" less than shade height.

Ivory is the standard color for switch and cover plate for motorized shades.

White clutches and idlers are standard. Black clutches and idlers available by request at no extra charge.

As standard, Draper includes **M12 connector** on most core motorized products. Available without M12 connector at no additional cost.

FABRIC

Fabric will **not be railroaded** (transversed) except by request or when size requires it. This will result in higher cost.

On two sided fabrics, the **light side faces the window, while the dark color faces the room** as standard. There are exceptions; please contact Draper for details.

Draper is willing to accommodate special requests whenever possible. Unless quoted, any variations from our standard measurements or construction may result in a higher cost or handling fee may be applied.

DISCLAIMER: First quality fabric can have up to five marked imperfections per roll. Draper strives to work around their imperfections, but on taller/wider shades that is not always possible. Draper will minimize any imperfections, but cannot consider this a warrantable item.

Best for Kids™ Certification

The Best for Kids™ certification program launched by the window covering industry assists in educating consumers about potential window-cord hazards facing young children and will aid consumers in making the right choice when selecting window coverings. In order to be eligible for this certification, manufacturers must meet the specified program criteria and submit their window covering products to a designated third party testing laboratory. Once products pass testing they may be labeled "Best for Kids."

Products that qualify for "Best for Kids" either have no cords, no operating cords and inner cords that are not accessible, or if accessible inner cords are present in products with no operating cords, the accessible inner cords cannot create a hazardous loop.

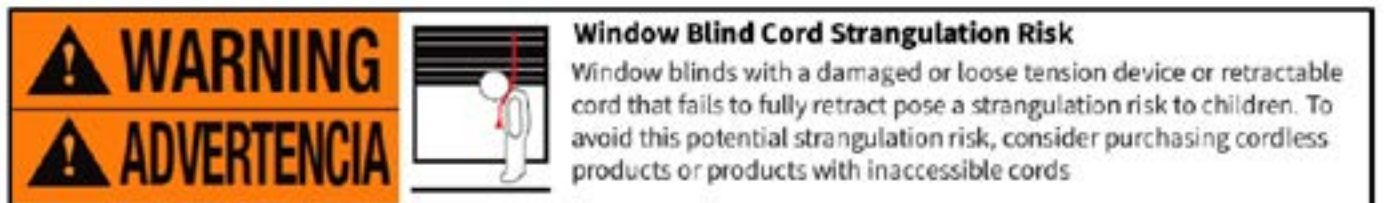


Battery Operated Shades Motorized Window Shades

Keeping Children Safe

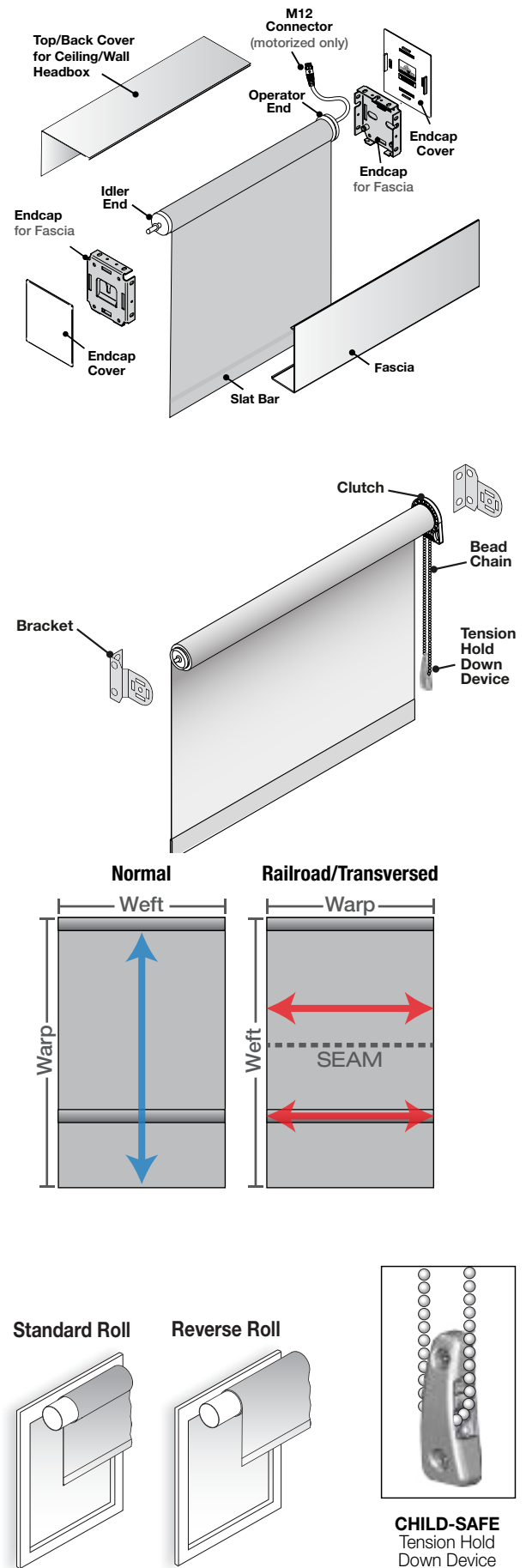
ANSI/WCMA A100.1-2022, the child safety standard effective June 1, 2024, requires that stock window coverings must not have cords that could entangle children. When custom window coverings must have cords or chains for operation, the product will be furnished with a tensioned hold-down device that is permanently attached and partially disables the product if not installed correctly.

To comply with this standard, each product with a bead chain manufactured after May 31, 2024, will be shipped with a tensioned hold down permanently attached to the chain. The tensioned hold down must be installed with tension on the chain for the roller shade to function properly. Chain connectors will be affected in the same manner and cannot be removed from the chain without breaking. *In residential and other spaces where small children are likely to be present, we recommend battery motors.*



GLOSSARY OF WINDOW SHADE TERMS

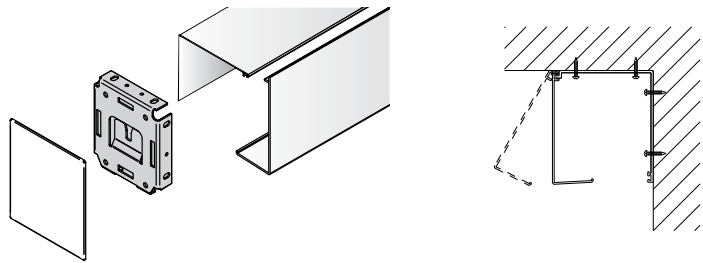
Ball Stops: Upper & lower stopping limits for bead chain clutch shades.
Batten: Horizontal stiffener inserted into a small pocket in the fabric panel, typically near the vertical center of the shade or at a seam.
Bead Chain: Operating chain for clutch shades.
Bead Chain Connector: Metal piece to connect ball chain.
Bracket: Mounting point for shade. Use the term "bracket" when ordering shade without fascia or headbox.
Ceiling/Wall Headbox: Also called "Surface Headbox." Consists of decorative front fascia panel and top back cover. Shade is accessible by removing front fascia.
Clutch: Bead chain operator for manual roller shades. Sized as needed for shade panel lifting requirement.
Coupler: Allows 1 motor or crank to operate multiple shade fabric bands.
Endcap with Fascia or Headbox: Endcaps provide mounting point for shade, and attachment point for fascia/headbox. No brackets are needed when endcaps are used.
Endcap Cover: Decorative cover for endcap. Endcap cover dimensions are included by Draper® in the overall product widths of any product ordered with endcaps as standard. If endcaps covers are not to be used in the field, you must notify Draper at the time of quote or order so proper adjustments may be made to product dimensions.
Fascia: Decorative aluminum shade cover. Available in small square and large square styles.
Idler/Gudgeon: Non-operator end of shade.
"L" Angle: 1" x ¾" or 2 ¾" x 1" extruded angle for shade opening.
Pocket Style Headbox: Four-sided cover intended for recessed installation. Shade is accessible from the bottom.
Railroad: Width of window is greater than width of fabric. Pieces of fabric are rotated, seamed horizontally and trimmed to the correct width. In some cases several pieces may be seamed together to cover unusually tall windows. Not all fabrics are suitable for seaming. Also known as "Transverse."
Reverse Roll: Fabric is rolled off front of roller, away from window. Also known as "Waterfall."
Seams: Two pieces of fabric joined together to make larger piece. All Draper seams are heat sealed.
Slat bar: Bottom shade weight which is enclosed in a neat sealed hem.
Spline Attachment: A method of attaching shade fabric to a roller. Fabric is welded to a plastic spline then inserted securely into a matching channel in the roller. May affect which shade sizes use small/large fascia or headbox.
Spring Assist: Specialized roller that reduces resistance when raising a manual shade.
Stay: Metal strip to minimize fabric curling or for fabric retention in side channels.
Standard Roll: Fabric is rolled off back of roller, close to window.
Tensioned Hold Down Device: To comply with ANSI/WCMA A100.1-2022, all clutch-operated shades ship with a tensioning device attached to the bead chain. Incorrect installation of the tensioning device partially disables the product. See page 3.
Transverse: See "Railroad."
"U" Channel: 2 ½" x 1" side channel for fabric.
Warp: Lengthwise threads that are held in tension on a shade fabric.
Waterfall: Fabric is rolled off front of roller, away from window. Also known as "Reverse Roll."
Weft: Yarn that is inserted over-and-under the warp threads.



SURFACE MOUNTED FLEXSHADE® HARDWARE OVERVIEW

CEILING / WALL HEADBOXES

Endcaps with fascia and L-shaped top/back cover. Available in small or large sizes. Stock length 195".
 Sizes: Small $3\frac{15}{16}" \times 3\frac{7}{16}"$, Large $4\frac{11}{16}" \times 4\frac{11}{16}"$.
 Available in powder coated colors with slightly textured finish, clear anodized, or custom colors.*



FASCIA AND ENDCAPS

Available in small or large sizes. For use with mounting endcaps (not brackets). Aluminum, L-shaped, snap-on.
 No exposed fasteners. Decorative plastic endcap covers included.
 Available in powder coated colors with slightly textured finish, clear anodized, or custom colors.*



Bronze Ivory White Clear Anodized Black

UNIVERSAL BRACKETS



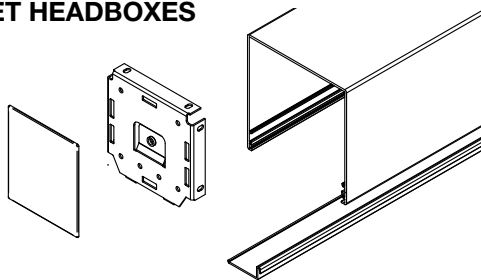
Manual
 Large White Small Black
Motorized
 White Motor End Black Idler End

Standard mounting hardware for all shades. Available in small or large. Wall, ceiling, or jamb mounting and compatible with Type D pocket headbox. Not compatible with fascia.

On manual products, brackets are powder coated white or black to match selected clutch color. On motorized products, brackets are silver-colored. Optional decorative plastic bracket covers are available for motorized brackets.

RECESSED MOUNT FLEXSHADE® HARDWARE OVERVIEW

POCKET HEADBOXES

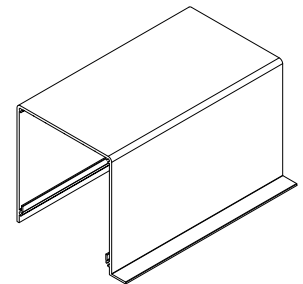


Three sided extruded aluminum U-shaped pocket for recessed mounting. Closure included. For use with mounting endcaps. Available in small or large. Small stock length 195". Large stock length 171".
 Sizes: Small $3\frac{15}{16}" \times 3\frac{7}{16}"$, Large $4\frac{11}{16}" \times 4\frac{11}{16}"$.
 Available in powder coated colors with slightly textured finish, clear anodized, or custom colors.*

TYPE D POCKET HEADBOX

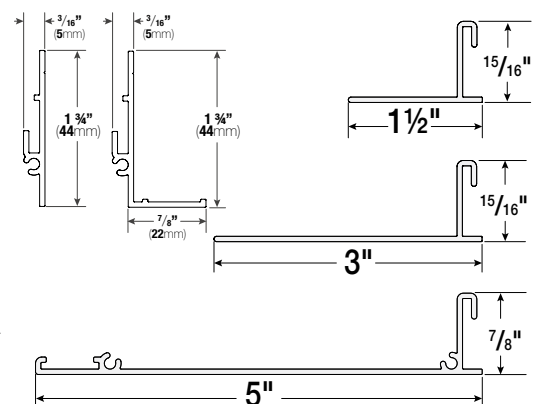
Extruded aluminum headbox with tile lip for acoustical ceiling support. If product fits into large hardware, it will fit into the Type D Pocket. Stock Length 147". White powder coated finish only. Use $1\frac{1}{2}"$ removable closure panel with manual shades and 3" closure with motorized shades.

Size: Type D Pocket: 5" by $5\frac{5}{8}"$



WALL CLIPS AND CLOSURES

Wall clips for mounting closure panels in existing pockets. Known in specs as "no cost pockets."
 Clips are available with or without tile lip for acoustical ceiling support. Aluminum extrusions are 147" stock length. Can be cut to size by Draper or by dealer. White powder coated finish only.
 Closure panels available in $1\frac{1}{2}"$, 3", or 5" widths. 147" stock length. Can be cut to size by Draper or by dealer.
 $1\frac{1}{2}"$ compatible with Type D pocket for manual shades. 3" compatible with Type D pocket for motorized shades. 5" for use with Wall Clips only. White powder coated finish only.



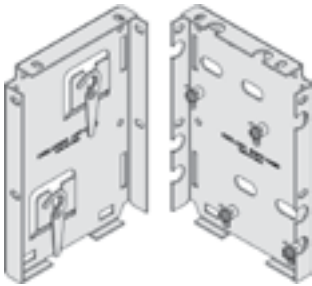
FLEXSTYLE ENDCAPS

FlexStyle® is an open-roll motorized window shade system designed to meet the exacting standards of the most fashion-conscious homeowner. The alluring, stylish hardware is available in 9 finishes and every FlexStyle® shade is custom manufactured.

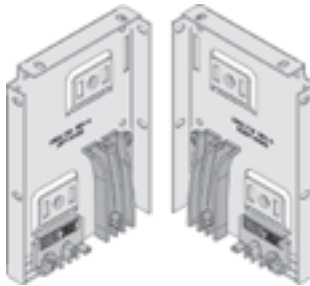
Elegant Hardware Finishes

- Brushed Nickel
- Brushed Gold
- Antique Bronze
- Chrome
- Taupe
- Grey
- Black
- White
- Warm White

Or choose Primer Grey for hardware that is ready for you to paint.

**DUAL ROLLER FLEXSHADE® HARDWARE OVERVIEW****DUAL ROLLER ENDCAPS**

Motorized Dual Roller Endcaps



24V Motor & Battery Dual Roller Endcaps

Standard mounting hardware for dual roller shades. For use as stand-alone hardware option or compatible with Dual Fascia and Dual Pocket Headboxes. 4 3/4" by 7" high. Wall, ceiling, or jamb mount. Decorative plastic endcap covers included.

DUAL ROLLER FASCIA

L-shaped, snap-on aluminum fascia for use with Dual Roller Endcaps. 7" high profile. No exposed fasteners.

Available in powder coated colors with slightly textured finish, clear anodized, or custom colors.*

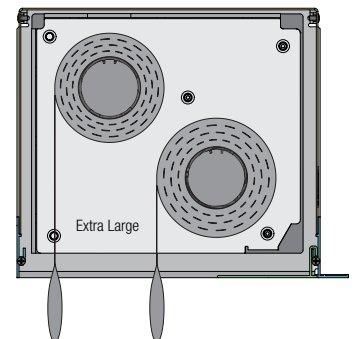
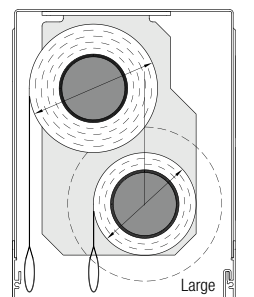
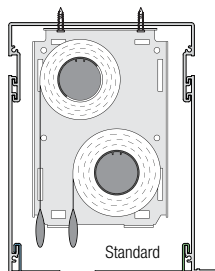
**DUAL POCKET HEADBOXES**

Recessed headbox for two shades vertically stacked. Bent steel headbox is available with or without tile lip. Finish is white inside/grey outside or grey inside/white outside. Uses 3" closure panel. 147" stock length cut to size by Draper.

Standard size is 5 3/4" deep by 7 3/4" high for use with all manual shades and most motorized shades. Dual Roller Endcaps are used for mounting within this size.

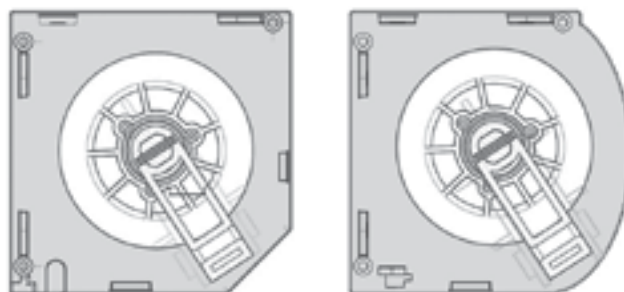
Large 6 1/2" deep by 8 1/2" high dual roller headbox available for larger motorized shades. Ceiling brackets are used for mounting with this size.

Extra Large 8 23/32" deep by 7 3/4" high dual roller headbox available for oversized shades. Ceiling brackets are used for mounting with this size.



ZIP HEADBOXES

Two headbox sizes available: ZIP 92: 3 ⁵/₈" high headbox and ZIP 127: 5" high headbox. Three headbox styles: square, angled (ZIP 127 only), and curved. Hardware finish is silver (standard), textured powder coat is available in white, black, ivory, or charcoal bronze. Custom powder coat colors available.



ZIP SIDE CHANNELS



Showing hem bar



Detail of fabric in side channel

Channels are 1 ³/₄" wide and can be jamb or face mounted. No light gap for complete edge blackout system, use as an insect screen, or room divider. Hardware finish is silver (standard), textured powder coat is available in white, black, ivory, or charcoal bronze. Custom powder coat colors available.

ZIPPER

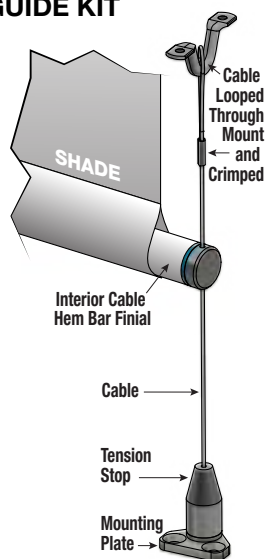


Zipper detail welded into vertical sides of the shade fabric. Prevents fabric from coming out of the side channel for protection against wind.

ACCESSORIES FLEXSHADE® HARDWARE OVERVIEW

INTERIOR CABLE GUIDE KIT

Interior cable guide kit uses a $\frac{5}{8}$ " round hembar in an open ended pocket. Kit includes all options for wall or deck mounting and is compatible with brackets or endcaps and fascia. May be used on slightly sloped façades.



SIDE AND SILL CHANNELS

Aluminum side and sill channels for light gap reduction. U and H Channel are 195" stock lengths. Small 1" L Angle is 147" stock length. Large $2\frac{3}{4}$ " L Angle is 195" stock length.

Available in powder coated colors with slightly textured finish, clear anodized, or custom colors.*

Optional plug buttons, channel liners, and fabric guides available.



H Channel



U Channel



L Angle

VINYL L ANGLE



Vinyl L Angle for inexpensive, quick installation. Angle comes with self-adhesive tape pre-installed. Must be cut to length by dealer. $1\frac{1}{2}$ " by $\frac{3}{4}$ " by 8'.

Five standard vinyl colors: black, white, ivory, bronze, and silver (to match clear anodized).

HEMBARS FLEXSHADE® HARDWARE OVERVIEW



Standard Hem Bar Sealed End

1" aluminum elliptical slot inside of a $1\frac{5}{8}$ " pocket with heat sealed ends.



Hem Bar Open End - Optional

Plastic hem bar end caps provide a finished look. 1" aluminum elliptical slot inside of $1\frac{5}{8}$ " heat-seamed pocket with open pocket ends. Plastic end caps on hem bar. Colors available: black, bronze, ivory, white, silver (to match clear anodized).



Exposed Hem Bar Small Rectangular

- Optional with upgrade cost
 $\frac{7}{8}$ " X $\frac{5}{16}$ " aluminum rectangular hem bar with plastic end caps. Powder coated in black, bronze, ivory, white or clear anodized (standard).



Exposed Hem Bar Large Rectangular -

Optional with upgrade cost
 $1\frac{1}{2}$ " X $\frac{5}{16}$ " aluminum rectangular hem bar with plastic end caps. Powder coated in black, bronze, ivory, white or clear anodized.



Exposed Hem Bar Round

- Optional with upgrade cost
 $\frac{3}{4}$ " aluminum round hembar with plastic end caps. Powder coated in black, bronze, ivory, white or clear anodized.



Hembar Hold Down

Secures bottom hembar. Perfect for shades installed on doors. Colors available are black, bronze, ivory, white, and silver. To be used with small flat exposed hembar.

HOW TO MEASURE FOR DRAPER® SHADES

Each FlexShade® is custom fabricated for each opening and must be measured accurately. Determine the area to be covered, and decide where brackets or endcaps will be attached. Allow for any irregularity which could interfere with the proper operation of the unit (i.e. handles, irregular trim, locks or opening not square and plumb).



ALL SHADE MEASUREMENTS ARE MADE W x H.

MEASURING FOR INSIDE MOUNT

For Inside Mounting, use the Inside Measure method. Send Draper® the exact width and height of the window opening. Draper will make the product so that the shade unit – including hardware – is that width minus a small deduction on the width of the shade panel. The cloth will be slightly narrower than the window opening, and there will be light leakage around the sides of the shade.

Measuring is a simple two-part process. First, measure the width at the top of the window opening, where the shade mounting brackets will install. Send Draper the exact width measurement, rounded down to the nearest $\frac{1}{16}$ ".

Next, measure the height of the window opening from top to bottom, rounded down to the nearest $\frac{1}{16}$ ".

NOTE: In commercial construction there may be multiple windows within one window opening, separated by vertical aluminum mullions. Measure from the left side of the window opening to the center of the first mullion, then to the center of the second mullion, etc. Send Draper the exact measurements. Do not make deductions.

MEASURING FOR OUTSIDE MOUNT

Measure the width on the wall above and overlapping the left and right sides of the window opening, where the brackets will install. A 2" cloth overlap on each side of the opening is typical. Allow sufficient height at the top above the window opening for the shade mounting hardware. Required height will vary depending upon model and size of shade – refer to price list.

Shade height will equal required height for shade mounting hardware plus height of window opening. If no sill protrudes, you may wish to add 2-3" at the bottom too.

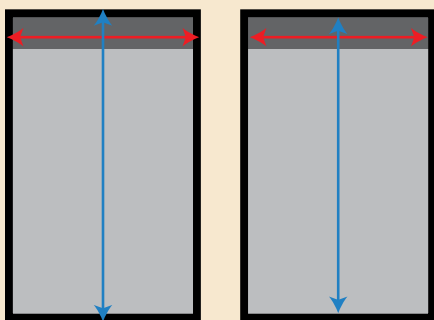
The overall width of the hardware will be the exact measurement you send us and the shade panel will be slightly smaller than the overall width measurement provided.

For more information on Draper shades:

www.draperinc.com/windowshades

MINIMUM WIDTHS FOR DRAPER SHADES

FOR A FULL LIST OF MINIMUM SHADE WIDTHS FOR ALL SHADE PRODUCTS SEE PAGE 74.



Outside Measure

Inside Measure

With outside measure, fabric completely covers the window and the shade mounts on the face of the frame. Measuring points for outside measure (left) and inside measure (right).

In addition to inside and outside measure, Draper will also accept **exact cloth measurements**. Cloth measure is ideal for replacement shade fabric panels or products such as the Free Hanging Shade Panel. Provide the exact width and height of the shade cloth, including addition for roller wrap if necessary. Overall width and height of the product will be greater than the cloth width provided due to hardware.



**DOWNLOAD INSTRUCTIONS:
MEASURING FOR SHADES SIMPLIFIED**

request.draperinc.com/product/measuring-shades-simplified/

DRAPER® ONLINE (DOL) PRODUCT CODES

Use the product codes below for quoting shades on DraperOnline any time 24/7! All products and codes available not shown here.

MOTORIZED PRODUCTS		
EXT FLEX MON	Exterior Motorized FlexShade	Outdoor Shading System with Independent Control—Cable Guides or Channels
EXT FLEX XL MON	Exterior Motorized XL FlexShade	Larger version of standard Exterior Motorized FlexShade
FLEX RECHARGE	FlexShade Recharge	Standard Rechargeable Battery Motor Shade
FLEXBOTTOMUP MO	Bottom Up FlexShade Motorized	Premium Manually-Operated Shade Rises from Window Sill
FLEXBOTTOMUP DM	Dual Fascia Bottom Up Motorized	Dual Roller Motorized Bottom Up FlexShade with rollers on bottom
FLEXSHADE C2MO	2-Panel Motor FlexShade	2 Shades coupled together with a single motor
FLEXSHADE C3MO	3-Panel Motor FlexShade	3 Shades coupled together with a single motor
FLEXSHADE 2	FlexShade 2 Motorized Shade	FlexShade 2 using surface mounted hardware
FLEXSHADE 2 PKT	FlexShade 2 Pocket	FlexShade 2 using pocket headbox for recessed mounting
FLEXSHADE 24V	24V Low Voltage FlexShade	Using ST30 24V Motors
FLEXSHADE BA (BAZ)	Battery FlexShade (Use MOZ for ZigBee)	Motorized FlexShade Standard Battery Motor
FLEXSHADE C*MO (C*MOZ)	Multi-Panel Motor FlexShade (C*MOZ for ZigBee)	Coupled Motorized FlexShade with multiple. <i>Replace * with the total number of shades.</i>
FLEXSHADE COL	FlexShade Colossal	Largest Draper shade available with sizes up to 28' 9" wide and 36' high.
FLEXSHADE D2MO	2-Panel Motor FlexShade	Large dual coupled 2 panel motorized shade with ceiling brackets and large dual headbox
FLEXSHADE D3MO	Dual Headbox 3-Panel Motor	Large dual coupled 3 panel motorized shade with ceiling brackets and large dual headbox
FLEXSHADE D4MO	Dual Headbox 4-Panel Motor	Large dual coupled 4 panel motorized shade with ceiling brackets and large dual headbox
FLEXSHADE D5MO	Dual Headbox 5-Panel Motor	Large dual coupled 5 panel motorized shade with ceiling brackets and large dual headbox
FLEXSHADE DF24	Dual Fascia 24V FlexShade	Dual FlexShade ST30 24V Motors – All hardware options available for quoting
FLEXSHADE DFBA	Dual Fascia Battery Shade	Dual FlexShade with Standard Battery Motors and variety of hardware options
FLEXSHADE DFMO	Dual Fascia Motor Shade	Standard dual motorized shade with variety of hardware options
FLEXSHADE DHMO	Dual Headbox Motor FlexShade	Large dual motorized shade with ceiling brackets and large dual headbox
FLEXSHADE F*MO	Dual Headbox 2-Panel Motor	Dual coupled 2 panel motorized shade with variety of hardware options. <i>Replace * with the total number of shades.</i>
FLEXSHADE MO (MOZ)	Motorized FlexShade (Use MOZ for ZigBee)	Motorized shade using Line Voltage Standard, RTS, 485, IntelliFlex I/O, or Low Voltage DC50 Motors
FLEXSHADE MO XL	Motorized FlexShade XL	Larger version of FlexShade Motorized
FLEXSTYLE 24V	24V Low Voltage FlexStyle Shade	FlexStyle shade using ST30 24V Motor
FLEXSTYLE BA	Battery FlexStyle Shade	Motorized FlexStyle standard battery motor shade
FLEXSTYLE BAZ	Battery FlexStyle ZigBee Shade	Motorized FlexStyle standard battery motor shade with ZigBee functionality
FLEXSTYLE C*MO	Coupled FlexStyle	Coupled multi-panel FlexStyle motorized shade. <i>Replace * with the total number of shades.</i>
FLEXSTYLE MO (MOZ)	FlexStyle Shade (Use MOZ for ZigBee)	Motorized shade using Line Voltage Standard, RTS, 485, IntelliFlex I/O, or Low Voltage DC50 Motors
FLEXSTYLE RECHG	FlexStyle Recharge Shade	Rechargeable Open Roll Shade
FLSTYL CASS BA24	FlexStyle Cassette Battery	FlexStyle Cassette Motorized shade using Line Voltage Standard, RTS, 485, IntelliFlex I/O, or Low Voltage DC50 Motors
FLSTYL CASS MO	FlexStyle Cassette Motorized	FlexStyle Cassette Motorized shade with Standard Battery Motor
INTELLIFLEX IO	Parts Kit	IntelliFlex I/O System Components and Controls
LIGHTBLOC MO	Motorized LightBloc	Motorized Shade for near Complete Blackout
LTBLOC ZIP MON	Motorized LightBloc ZIP	Motorized ZIP Shade for Complete Blackout
FLEX ZIP 92	FlexShade ZIP 92	Outdoor Shading System—ZIP Side Channels Create Shading/Weather/Insect Barriers
FLEX ZIP 127	FlexShade ZIP 127	Larger Outdoor Shading System—ZIP Side Channels Create Shading/Weather/Insect Barriers
FLEX ZIP XL MON	Motorized FlexShade ZIP XL	Outdoor ZIP Shading System for Sizes up to 25 feet wide
RECHARGE DF	Recharge DF	Dual Roller FlexShade Recharge – Rechargeable Battery Motors
SKYLIGHT 2	Skylight 2	Automated Overhead Glazing Protection for Large Skylights
SKYLIGHT MO	Motorized Skylight	Automated Overhead Glazing Protection for Skylights

MANUAL PRODUCTS		
CRANK WITH ZIP	LightBloc ZIP Crank	Crank operated LightBloc shade with ZIP channels
EXT FLEX CRN	Exterior Crank FlexShade	Outdoor Shade with Detachable Crank Handle
EXTERIORFLEX CL	Clutch Exterior FlexShade	Manually-Operated Shade for Outdoor Solar Control
FIXED PANEL REC	Fixed Panel Rectangle	
FIXED PANEL SQ	Fixed Panel Square	
FLEXBOTMUP NEXD	Bottom Up FlexShade NEXD	Premium Manually-Operated Shade Rises from Window Sill
FLEXSHADE CLN	Clutch FlexShade	Institutional Grade Manual Shade
FLEXSHADE CR	Crank Operated FlexShade	Detachable Crank Operated Shade
FLEXSHADE DFCL	Dual Fascia Clutch Shade	Manual dual shade using standard clutch and variety of hardware options
FLEXSHADE DFXD	Dual Fascia XD Clutch	Manual dual shade using XD clutch and variety of hardware options
FLEXSHADE NEXD	Clutch FlexShade NEXD	Next-Generation Premium Manually-Operated Shade
FLSTYL CASS CLN	FlexStyle Cassette Clutch	FlexStyle Cassette shade with standard clutch operator
LIGHTBLOC CL	Clutch LightBloc	Manual Shade for near Complete Blackout
SHADE SP	Spring Roller Shade	Economical Manual Shade
SHADE SPLINE PN	Shade Panel Mounting Channel	
SKYLIGHT CR	Crank Skylight	Crank Operated Overhead Glazing Protection for Skylights
TECHMATIC CL	Techmatic Shade	Affordable Manual Shade Option for Smaller Windows

HARDWARE ONLY		
COUPLED FABRIC	Coupled Shade Fabric Replacement	
CRANK HANDLE	Crank Handle	
FASCIA	Fascia Only	
H CHANNEL	H Channel	Side and Sill Channels
HEADBOX	Headbox Only	Single Roller Standard Pocket Headbox, All Models (Headbox Only)
DUAL HEADBOX	Headbox Only	Dual Roller Pocket Headbox (Headbox Only)
L ANGLE	L Angle	Side and Sill Channelsperformance
POCKET D	Pocket D Headbox	Single Roller Pocket D Headbox, All Models (Headbox Only)
SHADE FABRICS	Shade Fabric Replacement	
U CHANNEL	U Channel	Side and Sill Channels
W C CLOSURE	Long or Short Closure Panel	Closure for Wall Clip (Wall Clip Quoted Separately)
WALL CLIP	Wall Clip	Closure Quoted Separately
XD CLUTCH	XD Clutch Only	

AUDIOVISUAL SOLUTIONS		
ACCESS V (TVX)	Access V Projection Screen	Recessed tab-tensioned projection screen.
ACUMEN V (TVX)	Acumen V Projection Screen	Stylish tab-tensioned projection screen.
PROFILE PLUS	Profile+ Fixed Projection Screen	Fixed screen with sturdy black frame or edgeless
CLARION	Clarion Fixed Projection Screen	Fixed projection screen with black frame
AEROLIFT (35, 100, and 150)	AeroLift Projector Lift	Ceiling recessed projector lift in multiple sizes



STANDARDS

- Metal tube, with tubular 4 wire motor – **right side motor standard**; left side available (as seen from inside the room, facing the window).
- 1" Elliptical slat inside of 1 5/8" heat-seamed pocket with heat sealed ends. Additional hem options available. *See page 13 for details.*
- Draper® includes M12 connectors as standard on most core motorized products. Available without M12 connectors at no additional cost. *See page 23 for details.*

OPTIONS

- Choice of brackets for inside, outside, or ceiling mounting (square fascia or headbox with endcaps available in place of brackets in two sizes).
- Powder coated textured finish options: Ivory, Charcoal Bronze, White, Black, or Clear Anodized.
- Reverse roll available upon request.
- Motors, Controls, and Accessories beginning on page 23.

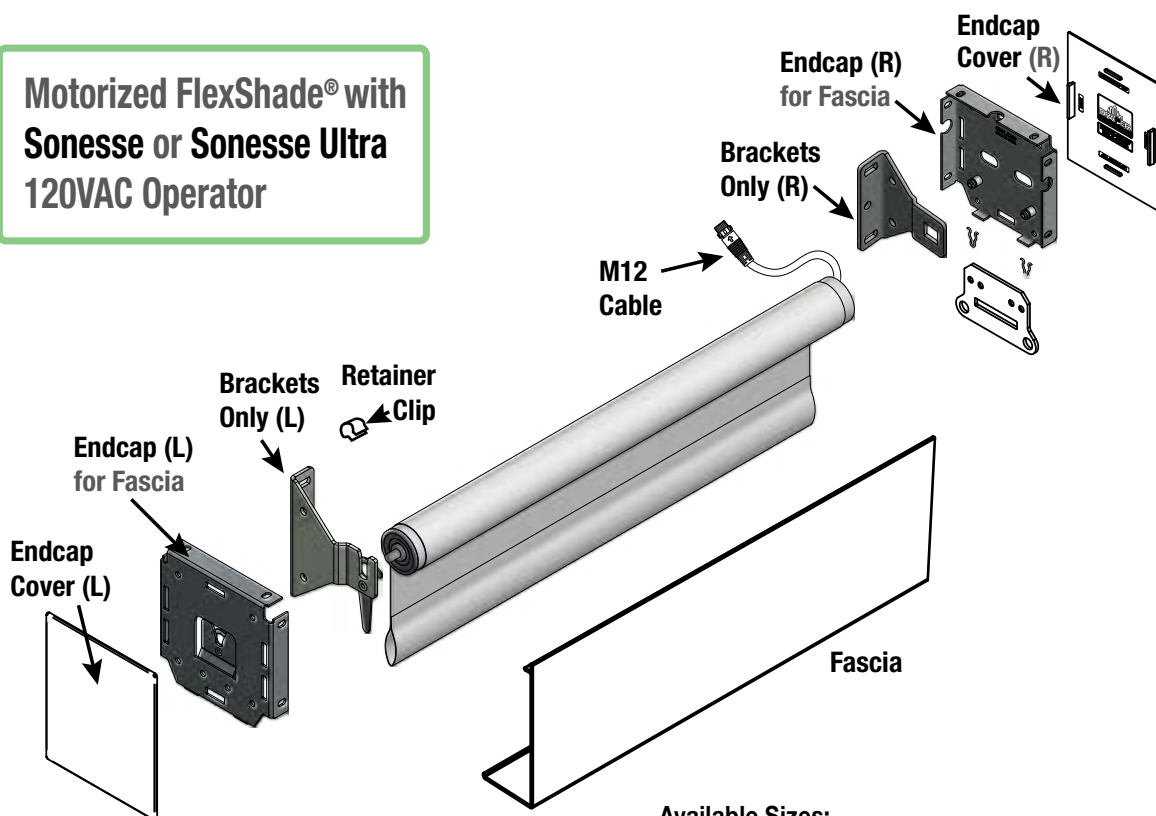
- Spline Fabric Attachment – Optional for Motorized FlexShade up to 144" wide. Will affect what sizes require small/large fascia or headbox. Contact Draper for details. Not available with all motor types. Additional cost for optional spline attachment.

Endcap covers included with endcaps as standard. If endcap covers will not be used in the field, notify Draper at time of quote or order.

NOTE: There is an additional charge to railroad and/or seam shade fabric when not required by roll width limitations (for example to match other seamed shades). Not all fabrics can be railroaded. For more information, contact Draper®.

FlexShade Components

Motorized FlexShade® with Sonesse or Sonesse Ultra 120VAC Operator



Available Sizes:

WIDTH:	2'	3'	4'	5'	6'	7'	8'	9'	10'	11'	12'	13'	14'
HEIGHT													
2'													
3'													
4'													
5'													
6'													
7'													
8'													
9'													
10'													
11'													
12'													
13'													
14'													

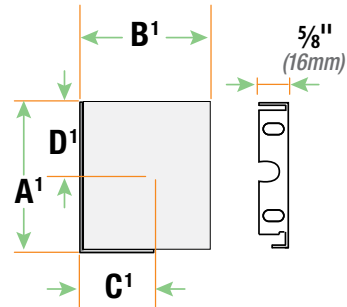
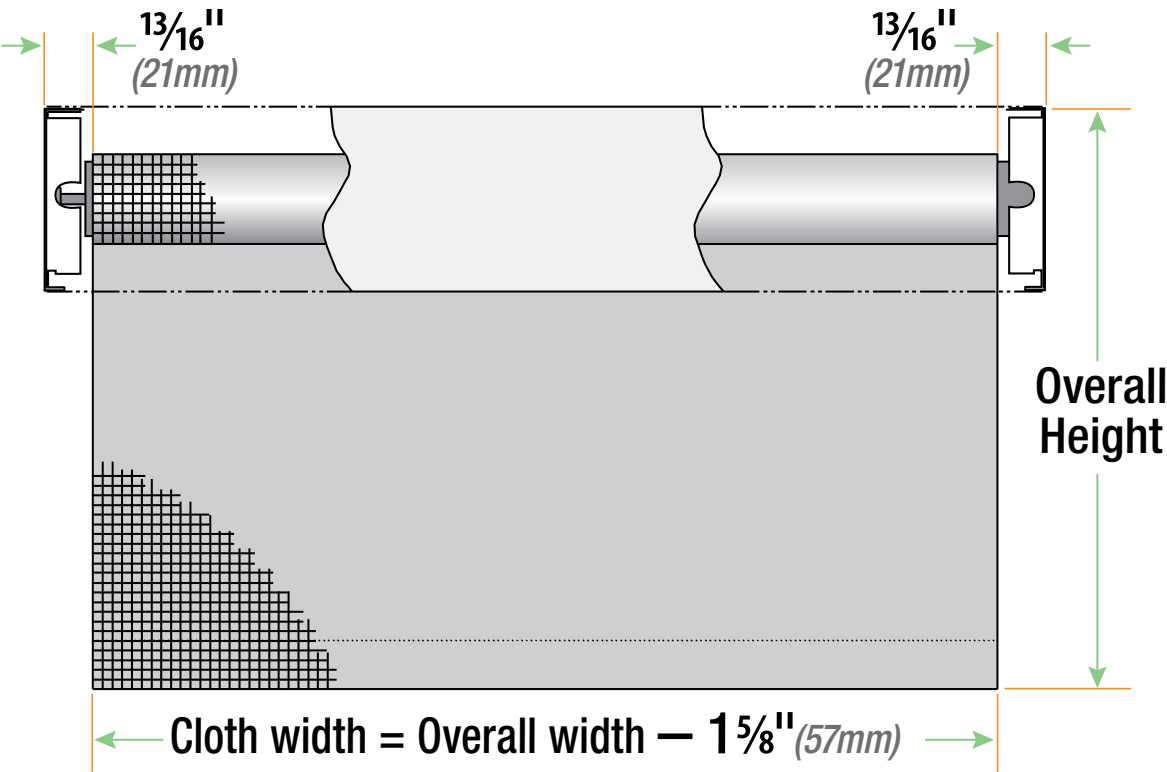
* Sizes requiring large endcaps/brackets will vary according to fabric.

- ☐ Small endcaps/brackets and 2" roller are recommended.
- ☐ Large endcaps/brackets and 3" roller may be required.

MOTORIZED FLEXSHADE® - CONTINUED

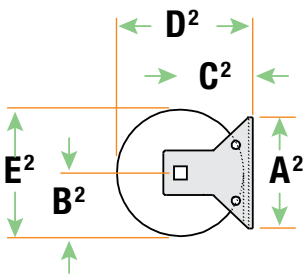
Motorized FlexShade Dimensions

(Fascia Overall Width includes plastic endcap covers) (Pair adds 1/8" to Overall Width)



HEADBOX*				
	SMALL		LARGE	
A ¹	3 15/16"	100mm	4 11/16"	119mm
B ¹	3 7/16"	87mm	4 11/16"	119mm
C ¹	5/8"	16mm	1 5/16"	33mm
D ¹	1 1/8"	48mm	2 1/4"	57mm

* For Fascia, Subtract 1 1/16" (27mm) from dimensions A and D.



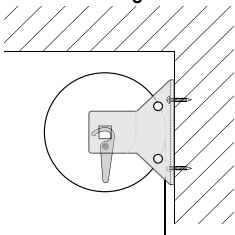
BRACKETS				
	SMALL		LARGE	
A ²	2 1/2"	64mm	3 1/4"	83mm
B ²	1 3/8"	35mm	2"	51mm
C ²	1 5/8"	41mm	2 1/4"	57mm
D ²	3"	76mm	4 1/4"	108mm
E ²	3 1/16"	78mm	4"	102mm

MOTORIZED FLEXSHADE® - CONTINUED

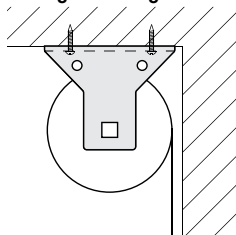
Hardware Selections

Please Note: Brackets and endcaps have the only attachment points for mounting a motorized FlexShade. Optional fascia and headbox have a thickness of $\frac{1}{16}$ ".

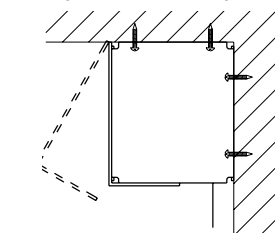
Wall Mounting Bracket



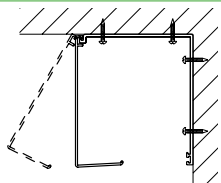
Ceiling Mounting Bracket



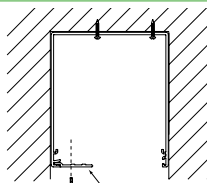
Fascia Only with Ceiling or Wall Mounting Endcaps



Headbox Installation Options



Ceiling / Wall headbox consists of fascia, back/top cover and Ceiling / Wall mounting endcaps

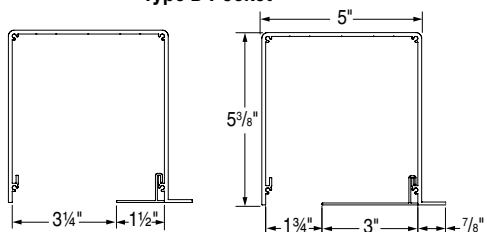


Optional pocket style headbox consists of Draper's extruded pocket with bottom closure panel and ceiling / wall mounting endcaps.

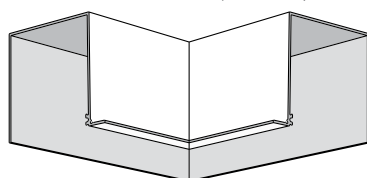
Pocket, Closure & Wall Clip Options

Type D pocket, white in color, features a $5" \times 5\frac{3}{8}"$ cross-section. A lip along lower edge supports lay-in ceiling. Pre-welded corners and pocket ends are available. Ends come with or without tile support lip (shown).

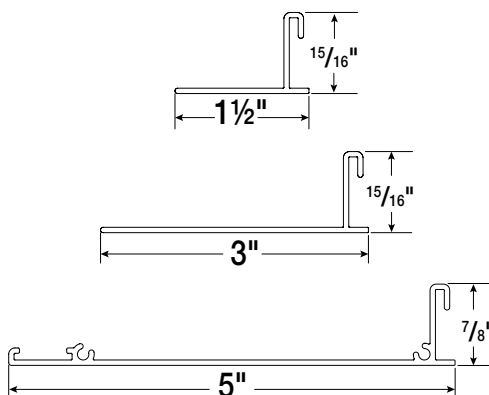
Type D Pocket



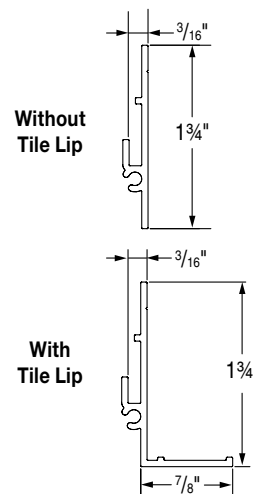
Typical pre-welded corner section (not to scale)



Closure Options



Wall Clip Options



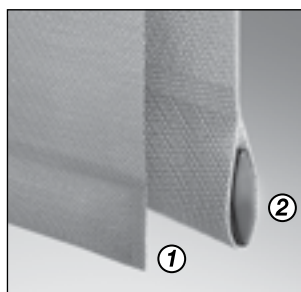
For more information, instructions, and submittals for other motorized FlexShade options please visit the Draper website at <https://www.draperinc.com/windowshades/motorizedshades.aspx>.

HEM OPTIONS FOR MOTORIZED FLEXSHADE

STANDARD HEM BAR OPTIONS:

Please specify preference at time of order.

- ① 1" Elliptical slot inside of $1\frac{5}{8}"$ heat-seamed pocket with heat sealed ends.
- ② 1" Elliptical slot inside of $1\frac{5}{8}"$ heat-seamed pocket with open pocket ends. Plastic endcaps on hem bar.

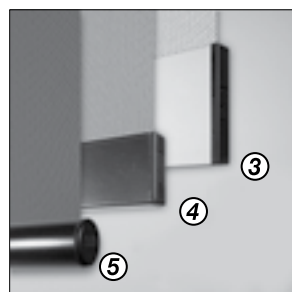


EXPOSED HEM BAR OPTIONS:

Please specify preference at time of order.

CHOOSE TYPE:

- ③ $1\frac{1}{2}" \times \frac{5}{16}"$ Rectangular Hem Bar with plastic endcaps.
- ④ $\frac{7}{8}" \times \frac{5}{16}"$ Rectangular Hem Bar with plastic endcaps.
- ⑤ $\frac{3}{4}"$ Round Hem bar with plastic endcaps.



CHOOSE COLOR:

Black, Bronze, Ivory, White, Clear Anodized

Find your sales team at <https://draperinc.com/contactus>

FLEXSTYLE® SHADE

Open-roll motorized window shade system



FLEXSTYLE MO

FLEXSTYLE MOZ

FLEXSTYLE BA

FLEXSTYLE BAZ

FLEXSTYLE 24V

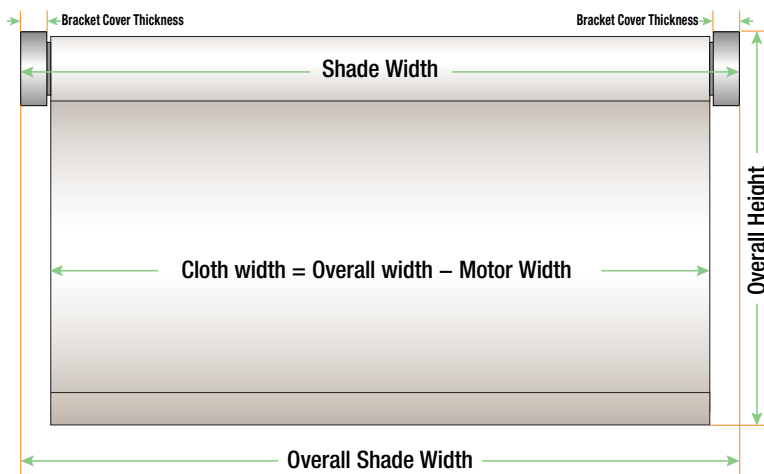
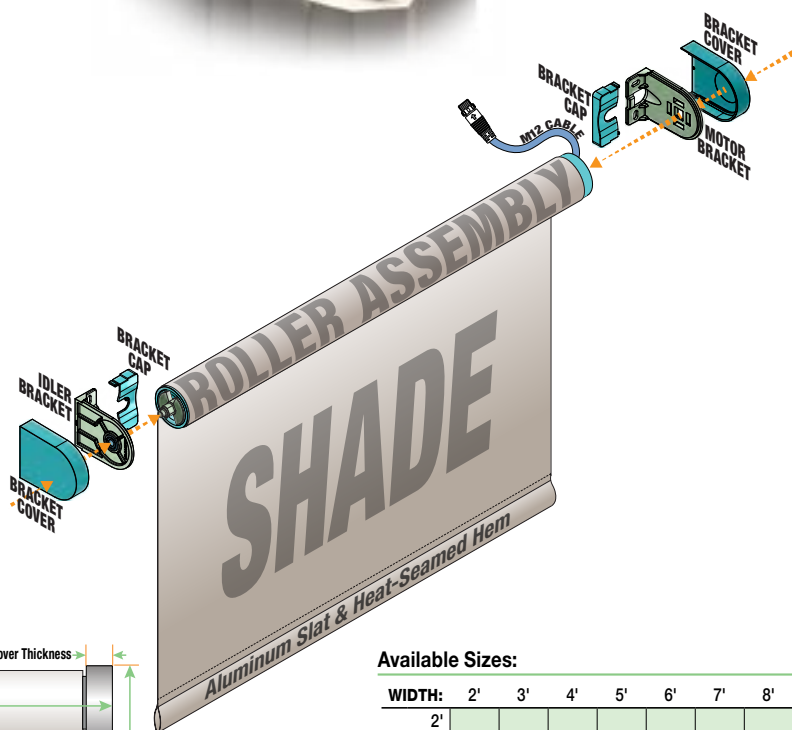
FLEXSTYLE RECHG

STANDARDS

- Metal tube, with tubular 4 wire motor – **right side motor standard**; left side available (as seen from inside the room, facing the window).
- 1" Elliptical slat inside of 1 5/8" heat-seamed pocket with heat sealed ends. Additional hem options available. See page 13 for details.
- Draper® includes M12 connectors as standard on most core motorized products. Available without M12 connectors at no additional cost. See page 23 for details.

OPTIONS

- Stylish brackets made of .080 die cast aluminum. Can be wall or ceiling mounted. No expose fasteners.
- Powder coated textured finish options: Brushed Nickel, Brushed Gold, Antique Bronze, Chrome, Taupe, Grey, Black, White, Warm White
- Motors, Controls, and Accessories beginning on page 23.
- Spline Fabric Attachment – Optional for Motorized FlexShade up to 144" wide. Will affect what sizes require small/large fascia or headbox. Contact Draper for details. Not available with all motor types.
- Coupled FlexStyle available in matching finish. See page 19.



Available Sizes:

WIDTH:	2'	3'	4'	5'	6'	7'	8'
HEIGHT							
2'							
3'							
4'							
5'							
6'							
7'							
8'							
9'							
10'							

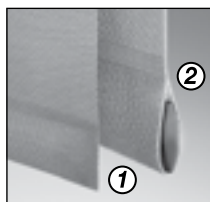
* Sizes requiring large endcaps/brackets will vary according to fabric.

HEM OPTIONS FOR FLEXSTYLE® SHADE

STANDARD HEM BAR OPTIONS:

Please specify preference at time of order.

- 1" Elliptical slat inside of 1 5/8" heat-seamed pocket with heat sealed ends.
- 1" Elliptical slat inside of 1 5/8" heat-seamed pocket with open pocket ends. Plastic endcaps on hem bar.

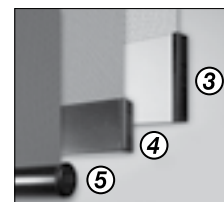


EXPOSED HEM BAR OPTIONS:

Please specify preference at time of order.

CHOOSE TYPE:

- 1 1/2" x 5/16" Rectangular Hem Bar with plastic endcaps.
- 7/8" x 5/16" Rectangular Hem Bar with plastic endcaps.
- 3/4" Round Hem bar with plastic endcaps.



CHOOSE COLOR:

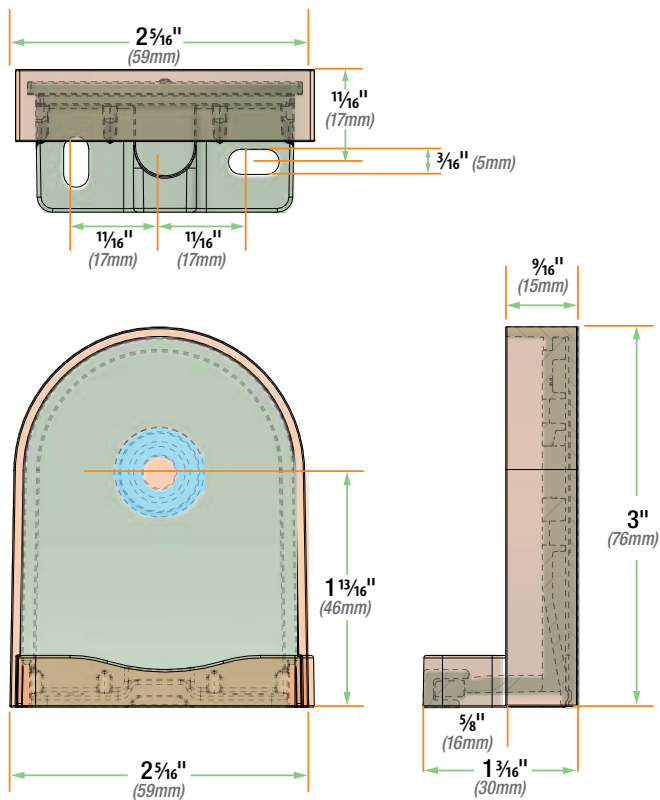
Black, Bronze, Ivory, White, Clear Anodized

FLEXSTYLE® SHADE - CONTINUED

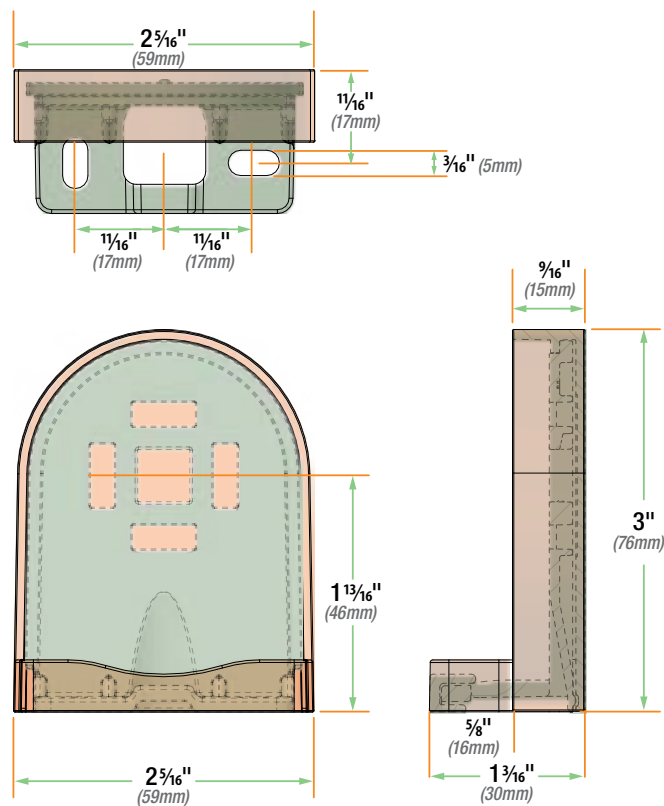
Open-roll motorized window shade system

Bracket Dimensions

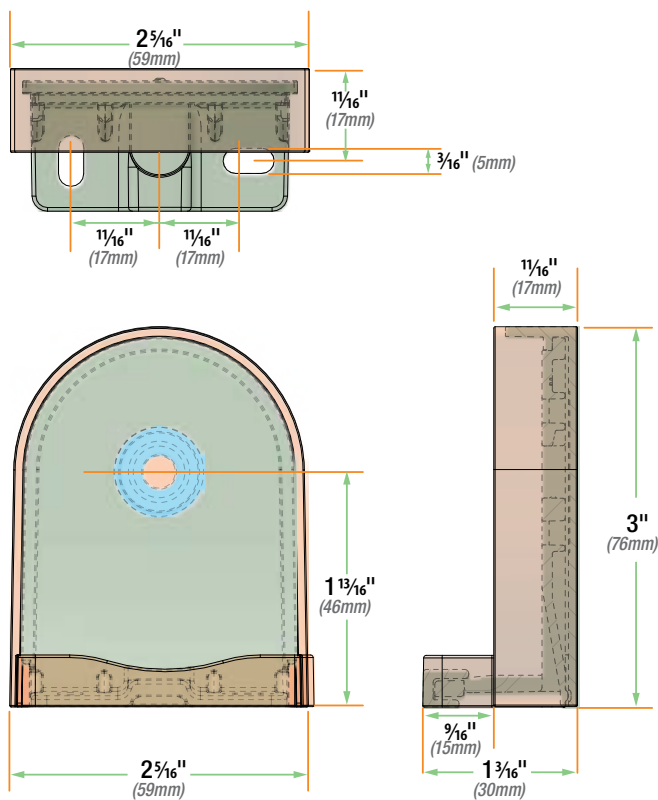
C002.1821 (Idler End, Standard)



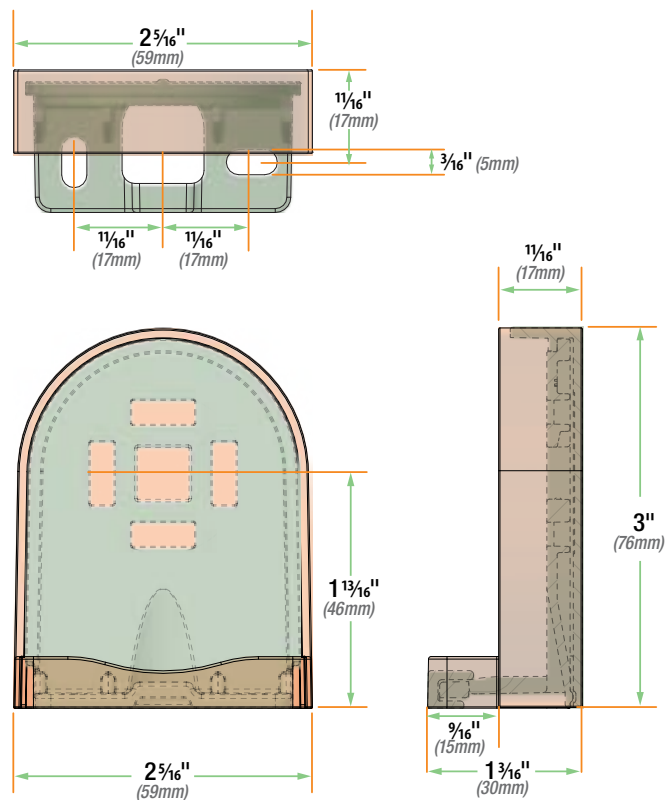
C002.1819 (Motor End, Standard)



C002.1822 (Idler End, Extended)



C002.1820 (Motor End, Extended)



DUAL ROLLER FLEXSHADE®

Draper® offers 4 solutions for a Dual Roller

FlexShade system: Dual Roller FlexShade with Fascia, Dual Roller FlexShade with Endcaps, Dual Roller FlexShade with Pocket Headbox, or the Dual Roller with Surface Headbox.

For each of these products, combine price for the two shades you want, then add for hardware as noted below.

DUAL ROLLER FLEXSHADE WITH FASCIA

Enjoy the benefits of vertically stacking two shade fabrics (or a shade and projection screen) without the need for a recessed headbox.

Conceal the endcaps and rollers with a stylish extruded aluminum fascia. Available for: Motorized FlexShade, Clutch FlexShade NEXD, FlexShade Battery, FlexShade Recharge, ST30 DC FlexShade.

Options

- Powder coated textured finish options: Ivory, Charcoal Bronze, White, Black, or Clear Anodized.
- Matching endcap covers included as standard. If endcap covers are to be excluded, notify Draper at time of quote or order.

DUAL ROLLER FLEXSHADE WITH ENDCAPS

Dual roller FlexShade with endcaps available at an additional charge. Call for details.



FLEXSHADE F*MO

FLEXSHADE C*MO

FLEXSHADE DFMO

FLEXSHADE DHMO

FLEXSHADE DFCL

FLEXSHADE DFXD

FLEXSHADE DFBA

FLEXSHADE F*MO

RECHARGE DF

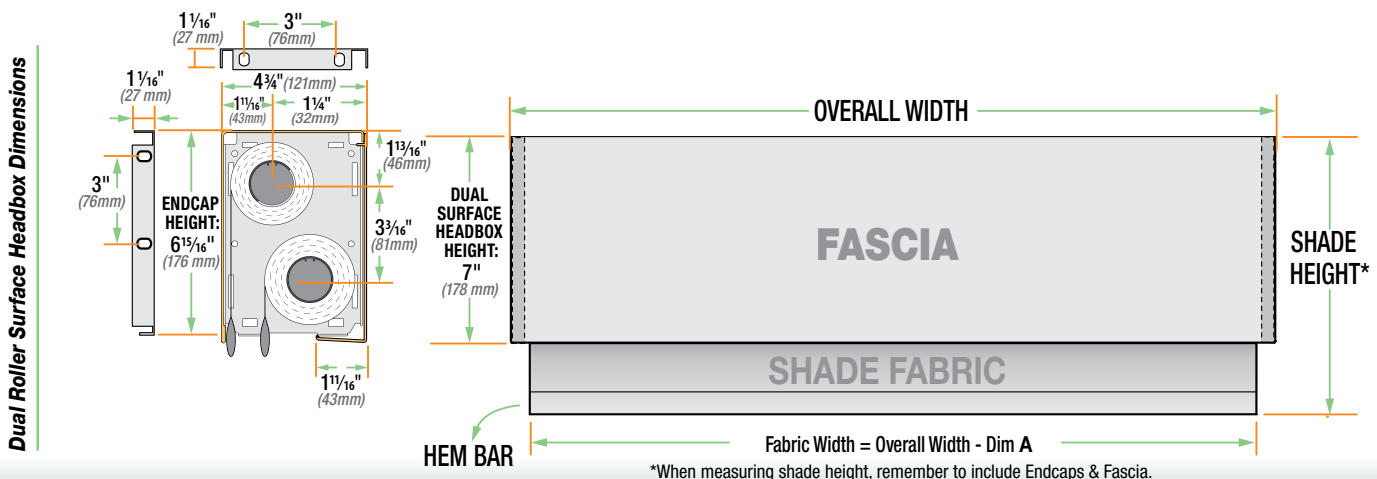
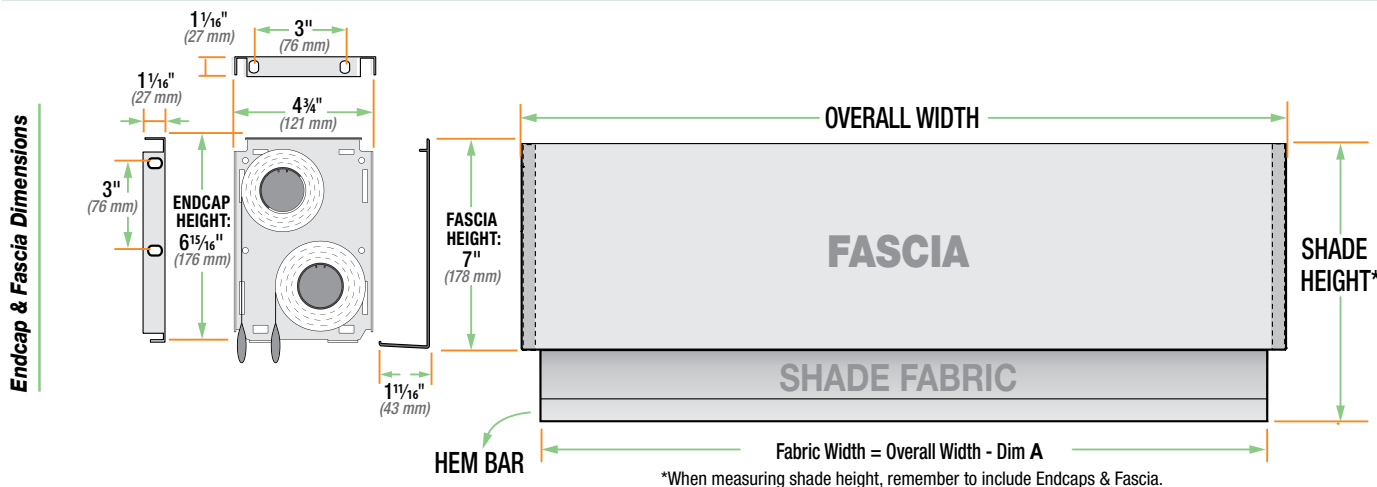
NOTE: For multiple panel dual roller coupled shades replace * with the number of coupled shades.

DUAL ROLLER FLEXSHADE WITH POCKET HEADBOX

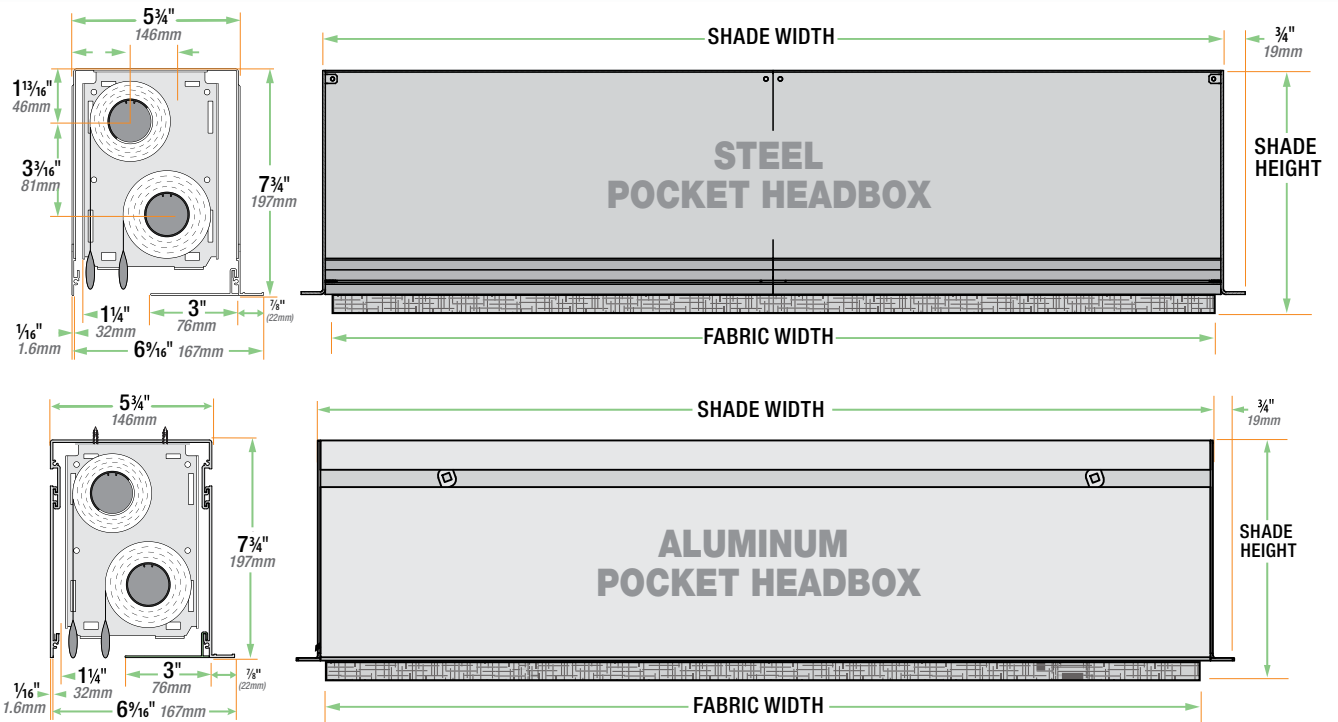
The Dual Roller FlexShade with Pocket Headbox by Draper offers glare control and room darkening in one window shade unit. Two complete shades are vertically stacked in a single recessed headbox.

- Standard size available for **Motorized FlexShade, Clutch Operated FlexShade, Clutch Operated FlexShade NEXD, FlexShade Battery, FlexShade Recharge, and ST30 DC FlexShade.** This headbox is indicated by the acronym "DF" in DraperOnline. For example, "FlexShade DFCL or DFMO." Coupled units using this dual headbox use the "F" letter in DraperOnline, for example "F2MO, F3MO."
- Large size available for **Motorized FlexShade.** This headbox is indicated by the acronym "DH" in DraperOnline. For example, "FlexShade DHMO." Coupled units using this dual headbox use the "D" letter in DraperOnline. For example, "D2MO, D3MO."
- The Dual Roller Pocket headbox is **White** (standard) where visible at the ceiling line. The bottom cover attaches easily without fasteners.
- The **bent steel** headbox is cut to size by Draper and may be installed in the ceiling, well in advance of the Shades, allowing for easy coordination with various trades.
- Dual Pocket Motorized has 36" minimum box width.
- Suspended or flush mounting available.
- Shades may be coupled, minimizing wiring and use of motors (page 19).

Standard Hardware Dimensions (DFMO)

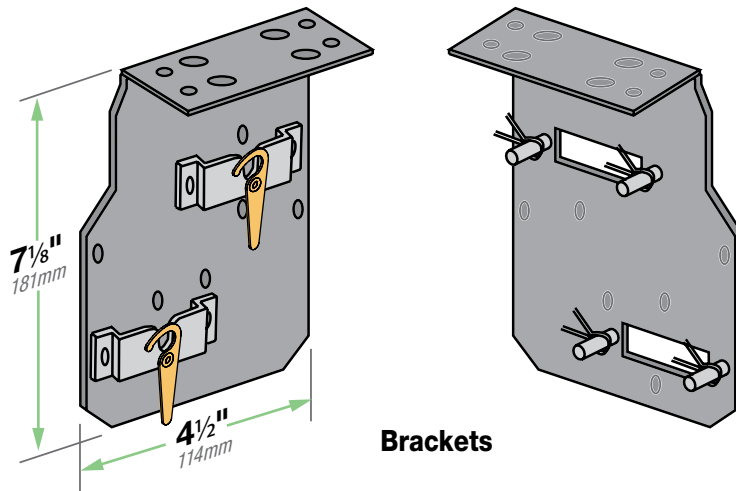
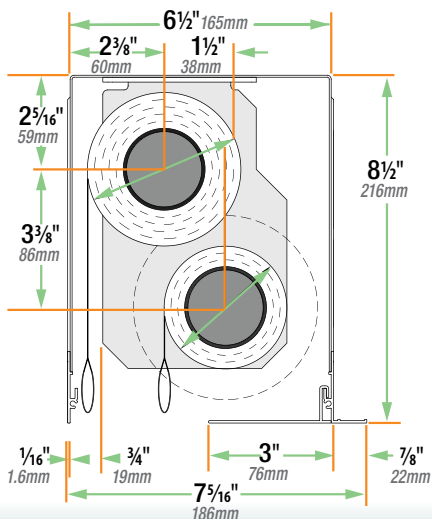
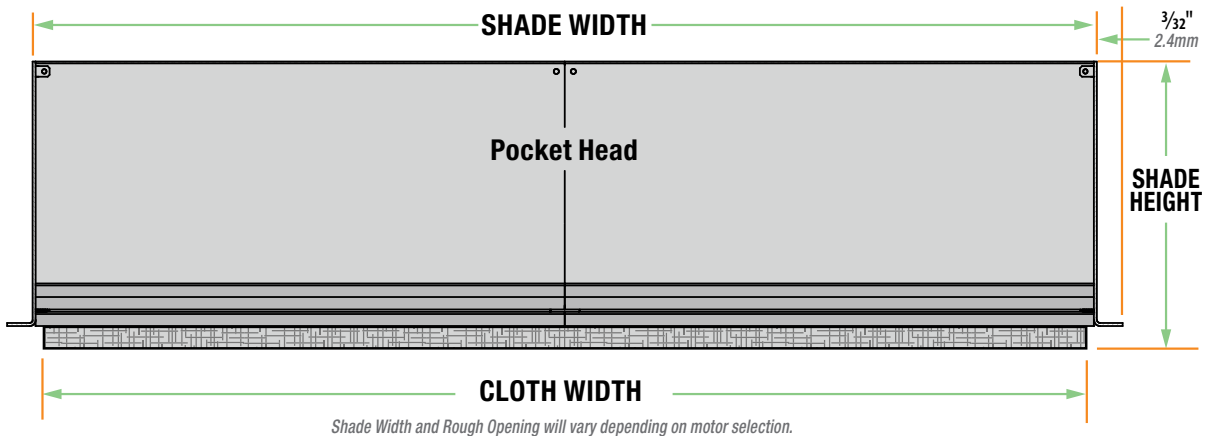


Dual Roller Pocket Headbox Dimensions



Large Hardware Dimensions (DHMO)

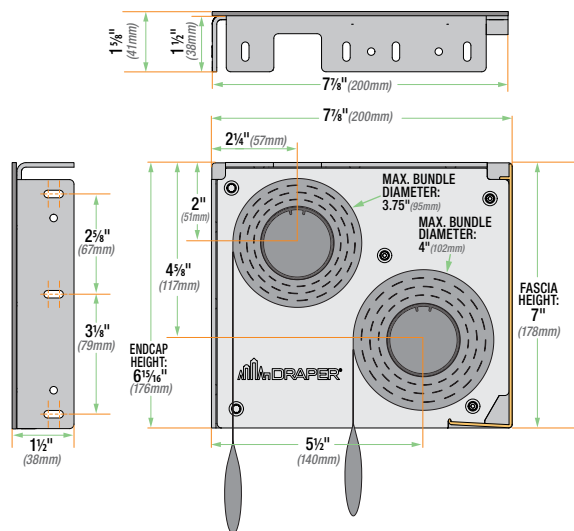
Large Dual Roller Pocket Headbox Dimensions



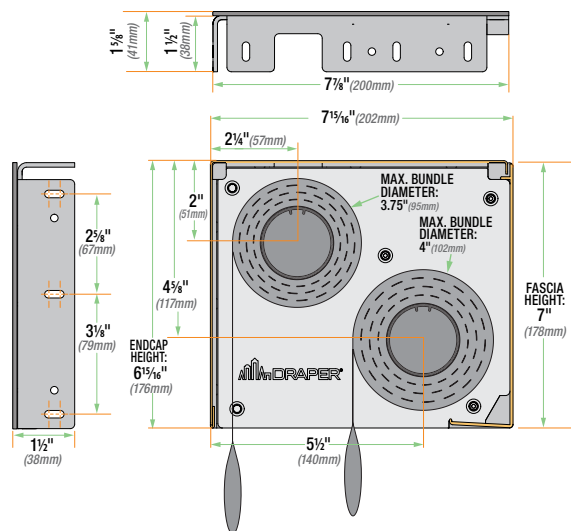
DUAL ROLLER FLEXSHADE® - CONTINUED

Extra Large Hardware Dimensions (DFMO)

Extra Large Dual Roller with Fascia Endcaps Only



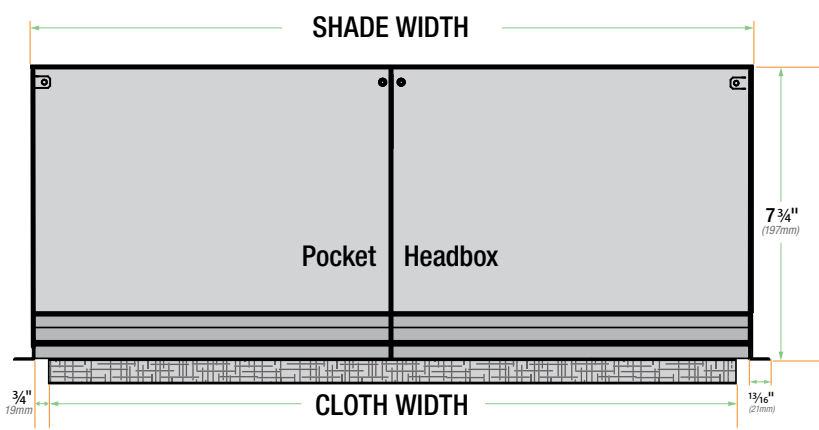
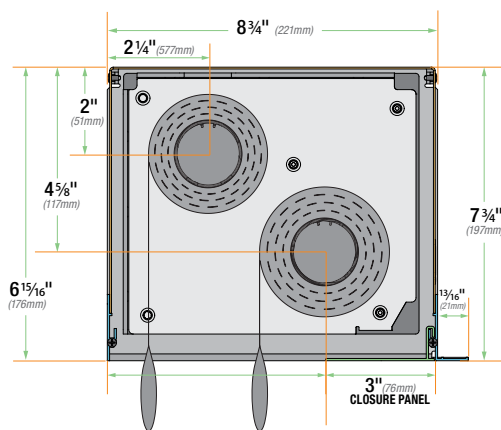
Extra Large Dual Roller with Surface Mount Headbox



ROLLER TUBE CUT LENGTH - 1/8" (3.2mm) = FABRIC CUT WIDTH
 SHADE WIDTH (Outside Measurement) - 1 1/2" (38mm) = ROLLER TUBE CUT LENGTH
 FABRIC CUT WIDTH - 2" (51mm) = HEM BAR CUT LENGTH

*When measuring shade height, remember to include Endcaps & Fascia.

Extra Large Dual Roller with Pocket Headbox Dimensions



COUPLED MOTORIZED FLEXSHADE®

COUPLER BRACKETS

The Draper® FlexShade® Coupling System makes it easier than ever to group multiple shades with a single operator.

- Drive multiple window shades with a single motor or crank. Not recommended for use with clutch operated shades.
- Fabric height can be easily and independently adjusted.
- Brackets are installer-friendly, and can overcome walls that are not perfectly flat.
- Coupled shades must be same height.
- Brackets extend 2 1/2" from mounting surface to center line of roller, and may be wall or ceiling mounted.
- Spline attachment is unavailable on coupled shades.
- Install FlexShade Coupling System in Draper® Type D Pocket or existing pocket. Coupled units may also be installed in 4 5/8" Draper® ceiling pockets. Fascia is not available for FlexShade using the angled coupling system. Can be used in surface mount, pocket mount, Dual Roller, etc. Not suitable for all products/sizes.
- FlexShade couplers work with both 2" and 3" diameter rollers; however, adjacent roller tubes must be of the same diameter.
- FlexShade 2, Colossal, and LightBloc FlexShade may **NOT** be coupled! Only motor and crank operators are suitable for coupling.
- FlexShade Angled Couplers are only to be used on angles 30 degrees or less. Please contact Draper for hardware restrictions.
- For pricing coupled units, the widest unit should be priced as motorized or crank, all others as manual.



FLEXSHADE D*MO

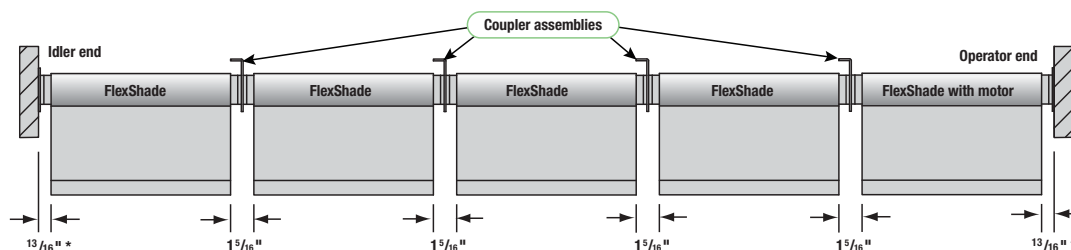
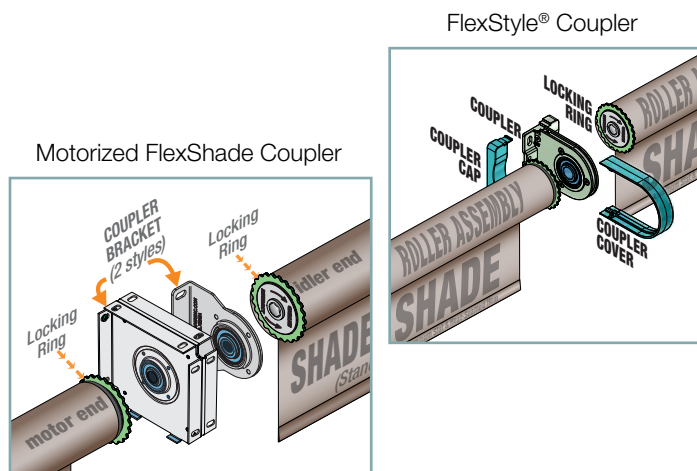
FLEXSHADE C*MO

FLEXSHADE F*MO

FLEXSTYLE C*MO

FLEXSTYLE C*MOZ

NOTE: For multiple panel dual roller coupled shades replace * with the number of coupled shades.



* This dimension may be larger, depending on motor selection. Contact Draper for motor verification.

ANGLED COUPLED MOTORIZED FLEXSHADE®

Join Shades at Angles 0-90°

FlexShade Angled Coupler allows multiple angled window shades to be driven with a single motor. Reduced motor counts result in lower costs. The angled coupler accommodates inside and outside corner angles to 90 degrees. Coupled shades must be the same height.

- Brackets are installer-friendly and can overcome walls that are not perfectly flat. Brackets accept both standard- or reverse-roll fascia.
- Compatible with 2" (51 mm) and 3" (76 mm) diameter rollers. Adjacent roller tubes must be the same diameter.
- Can be used in surface mount, pocket mount, and dual roller headboxes.
- Only motor and crank-operated shades are suitable for coupling. FlexShade 2, Colossal, and LightBloc FlexShade may NOT be coupled!
- Spline attachment is unavailable on coupled shades.

NOTE: To order angled coupled complete shades use the DOL code FLEX ANCOUP XMO. To order brackets only use DOL code FLEX ANCOUP BKT.



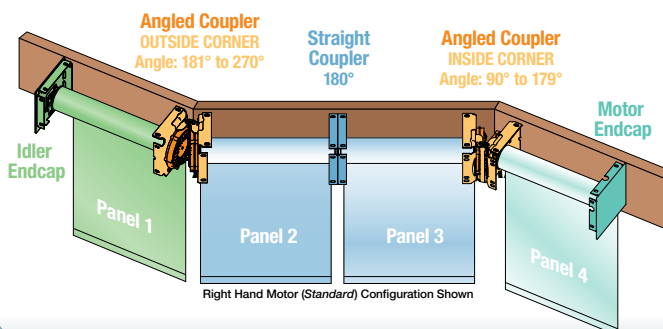
FLEX ANCOUP XMO

BRACKET ONLY

FLEX ANCOUP BKT



ANGLED COUPLING EXAMPLE



FLEXSHADE® 2

HEAVY-DUTY MOTOR OPERATED WINDOW SHADES.



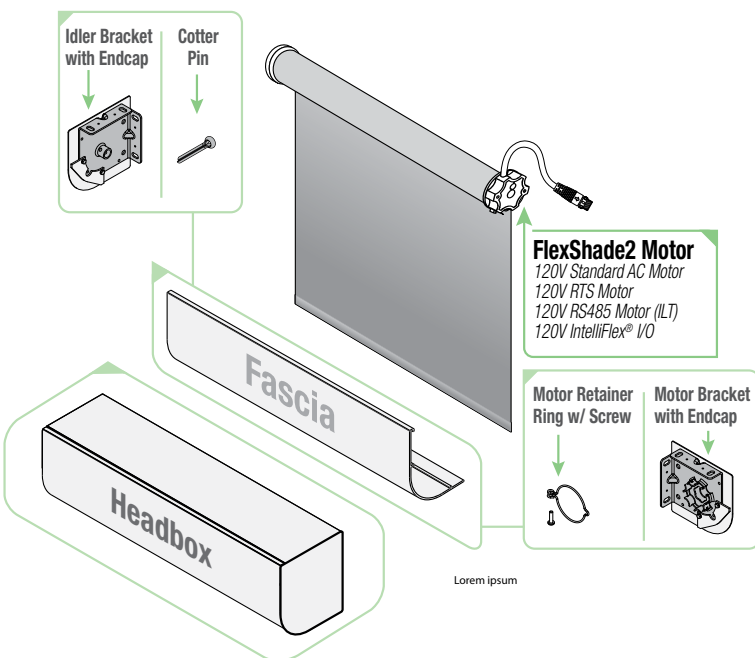
FLEXSHADE 2

FLEXSHADE 2 PKT

STANDARDS

- An intermediate motorized shade with a steel-tubed, 4" roller, gearmotor (as seen from inside the room, facing the window; right side motor location is standard; left side available).
- Heat-seamed hem and 13/16" aluminum dowel, choice of brackets for wall, ceiling, or jamb mounting.

SHIPPING NOTE: FlexShade 2 Shades less than 7' wide are carton packed for shipment. Sizes from 7'-12' are shipped with corner guards. Sizes 12' and greater are skidded for shipment. Large sizes require special handling considerations. Additional crating fee will apply. Call for details.



OPTIONS

- FlexShade 2 is available in sizes 3' to 16' wide and up to 30' high depending on your choice of fabric. All FlexShade 2 units taller than the widest fabric width will have spring steel stays at each seam location.
- Square fascia and surface headbox with endcaps is available. Endcap covers included with endcaps as standard.
- Powder coated textured finish options: Ivory, Charcoal Bronze, White, Black, or Clear Anodized.
- Pocket Headbox is available in White only and with or without tile lip. Uses 5" roller and 8" by 8 1/2" pocket for recess mounting. Contact Draper® or use product code FLEXSHADE 2 PKT in Draper Online to obtain pricing.

Maximum Sizes

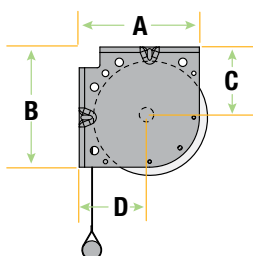
Please Note: Fabric weight and thickness determine maximum size available.

WIDTH:	2'	4'	6'	8'	10'	12'	14'	16'	18'	20'	24'	28'
HEIGHT												
8'												
10'												
12'												
14'												
16'												
20'												
24'												
24'												
28'												
32'												
36'												

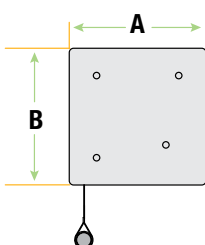
* Please Note: Maximum shade height is limited by cloth weight and shade width, due to their impact on roller deflection, and by cloth thickness because of bundle diameter. Contact Draper to verify that your shade meets size requirements.

FlexShade 2 Dimensions

Brackets Only



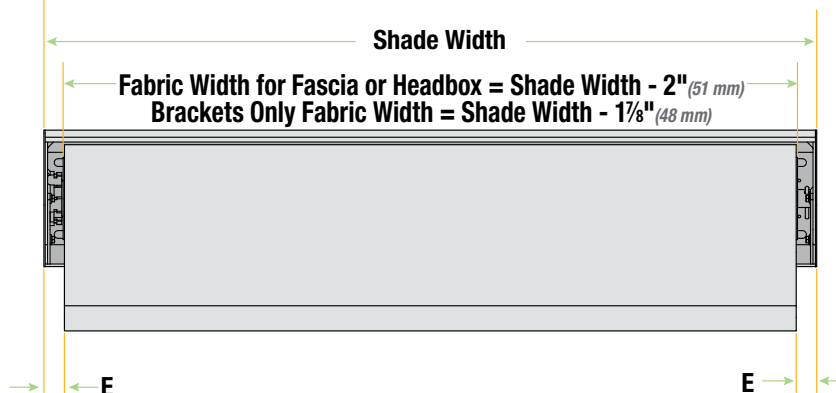
Headbox/Fascia with Endcaps



Please Note: Fascia or headbox will add 1/8" between the wall and the bracket; headbox will add 1/16" between ceiling or wall and the bracket.

	Headbox with Endcaps	Fascia with Endcaps	Brackets Only
A	6 5/8"	6 1/2"	5 7/8"
B	6 5/8"	6 1/2"	5 7/8"
C	N/A	N/A	3 1/4"
D	N/A	N/A	3 1/4"
E	1"	1"	1 3/8"

Please Note: Maximum bundle diameter is 5 1/4" (with Headbox, Fascia or Brackets)



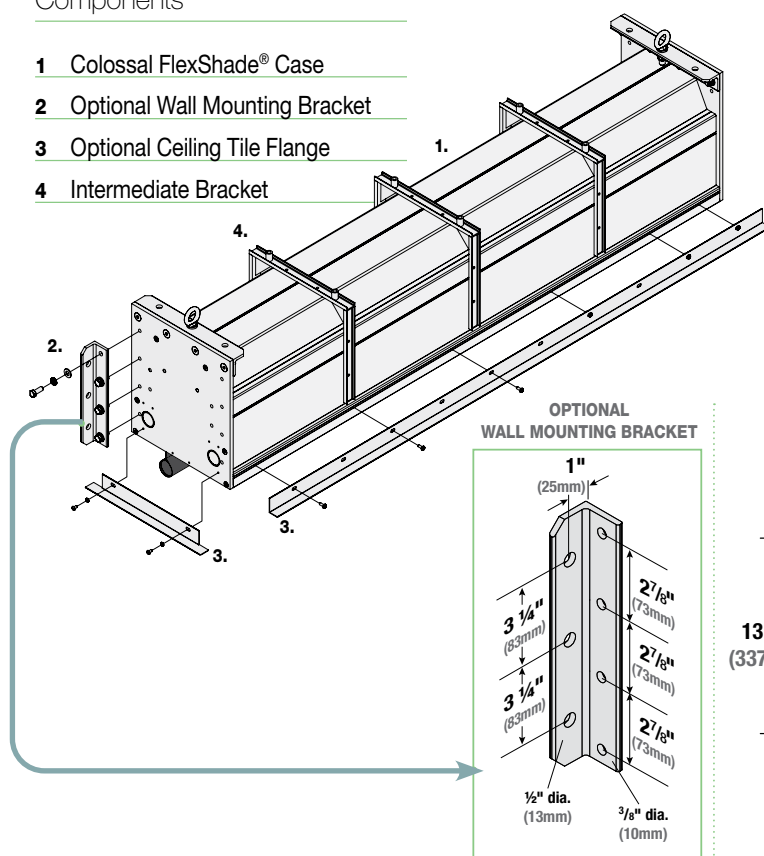


STANDARDS

- The Colossal FlexShade® is one of the largest motorized window shades on the market today. It offers superior solar control for large window openings.
- Eyebolts for hoisting the shade are provided at each end of the headbox.
- Available with headbox ONLY. The headbox is finished in White. Shade is pre-installed in headbox.
- This shade features a Deflection Compensation System, designed to minimize fullness caused by case deflection in extremely long units.
- Available in sizes up to 28' 9" wide and 36' tall, depending on shade fabric.
- All Colossal FlexShade units taller than the widest fabric width will have spring steel stays at each seam location.

Components

- 1 Colossal FlexShade® Case
- 2 Optional Wall Mounting Bracket
- 3 Optional Ceiling Tile Flange
- 4 Intermediate Bracket



OPTIONS

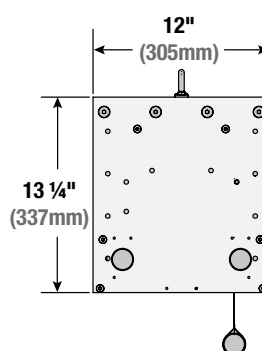
- Reverse roll available upon request.
- Wall Mount Bracket Kit, Endcap Ceiling Tile Flange Kit and Ceiling Tile Flange for front of headbox available (prices listed below).
- Motors, Controls, and Accessories beginning on page 23.

NOTE: All Colossal FlexShade shades are crated for shipment. Large sizes require special handling considerations. Additional crating fee will apply. Call for details.

Available Sizes:

WIDTH:	3'	4'	6'	8'	10'	12'	14'	16'	18'	20'	22'	24'	26'	28'	30'
HEIGHT:	2'														
	4'														
	8'														
	12'														
	16'														
	20'														
	24'														
	28'														
	32'														
	36'														
	40'														

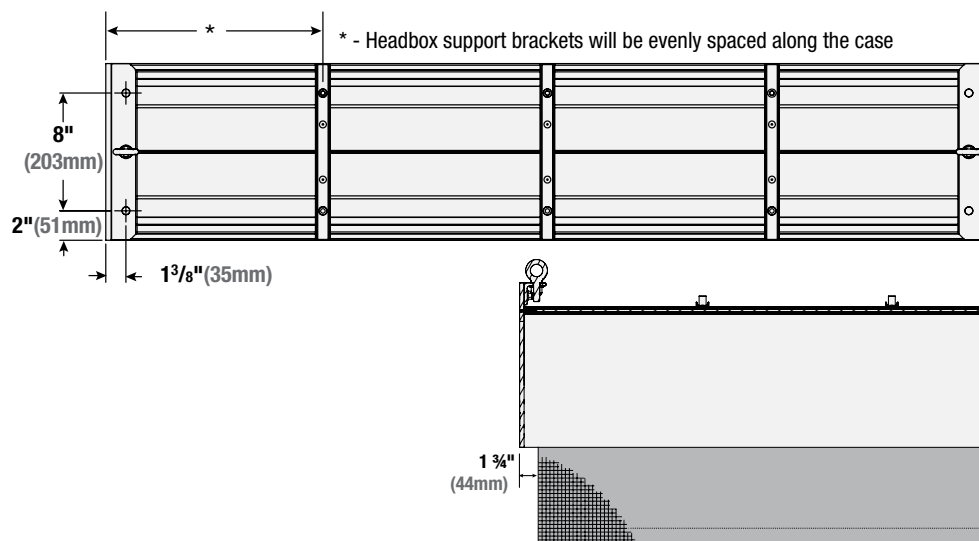
* Sizes requiring large endcaps/brackets will vary according to fabric.



Case Width	No. Intermediate Brackets
<96"	0
>96" and <180"	1
>180" and <240"	2
>240" and <236"	3

Brackets are equally spaced from each other and each end. For example, if the case length is 202", then each of the two brackets will be placed approximately 67.33" from each end (with 67.33" between them).

Dimensions





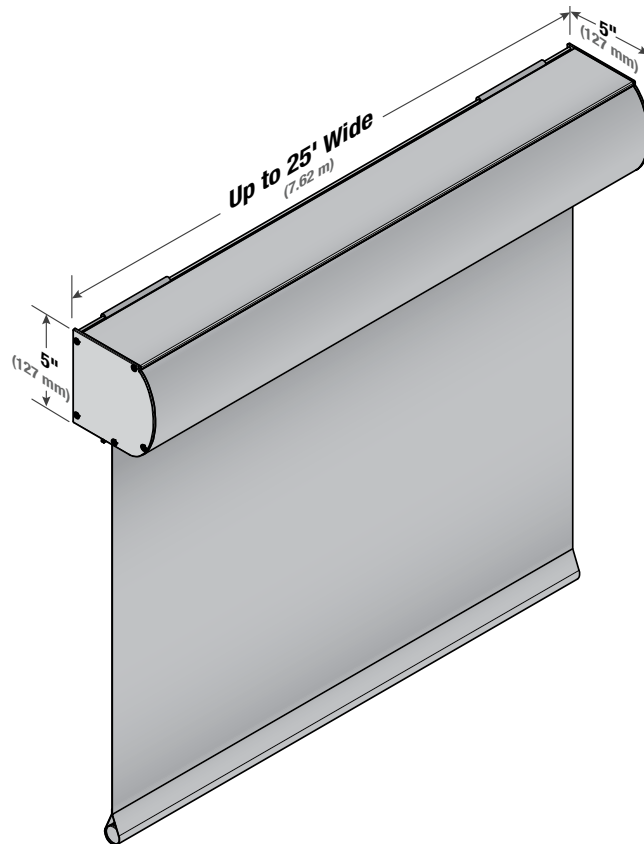
STANDARDS

- Up to 25' wide.
- Cassette Style Installation.
- RTS Motor includes a radio frequency obstacle detection motor. If a standard motor is preferred, please specify at time of order.
- Uses the ZIP 127 (5" x 5") headbox. More information can be found on page 53.
- Heat sealed hem and $1\frac{3}{16}$ " aluminum dowel.
- Integrated Cradle Support System allows for wide width with minimum deflection.
- **FlexShade® XL available in E Screen and Soltis Perform 92 fabrics only.**

OPTIONS

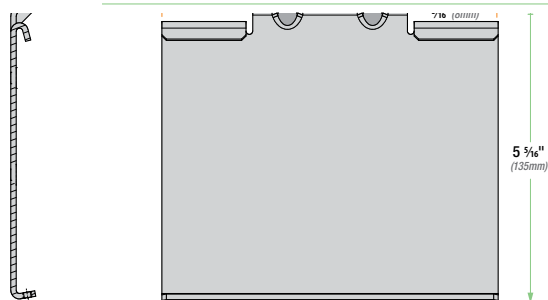
- Angled or Curved Headbox profile options.
- Six hardware colors, plus optional custom colors.
- Ceiling or Surface Mounting available.
- Control and Accessories beginning on page 23.

SHIPPING NOTE: FlexShade XL shades less than 7' wide are carton packed for shipment. Sizes from 7'-12' are shipped with corner guards. Sizes 12' and greater are skidded for shipment. Large sizes require special handling consideration. Additional crating fee will apply. Please call for details.

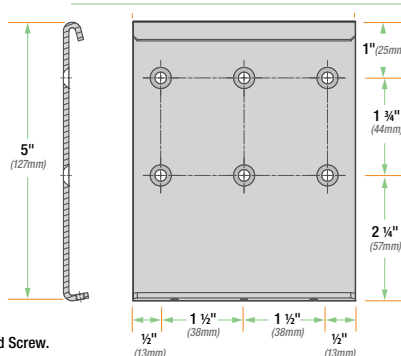


Hardware Selections

Ceiling Mounting Bracket (ZIP 127 only)



Wall Mounting Bracket

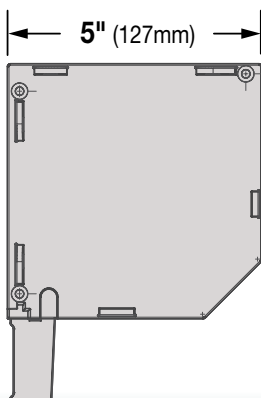


NOTE: Mounting brackets attach to surface with #10 Flat Head Screw.

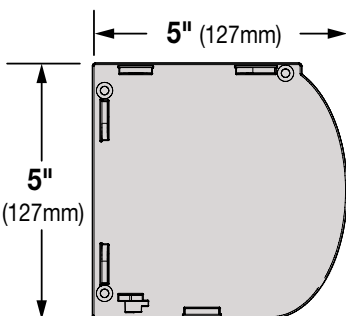
Please note: Mounting brackets attach to surface with #10 Flat Head Screw

Headbox Options

ANGLED HEADBOX



CURVED HEADBOX



Available Sizes:

WIDTH:	2'	4'	6'	8'	10'	12'	14'	16'	18'	20'	22'	24'	26'
HEIGHT													
2'													
4'													
6'													
8'													
10'													
12'													
14'													
16'													
18'													

Draper® has an extensive array of motors and controls. To make the selection process easier, we have listed motor options adjacent to the control options that are available. You will notice that radio motors are used with radio motor controls, low voltage, and battery motors are used with radio motor controls, and RS485 motors are used with RS485 controls. Rules for motor upgrade options do vary between motor types so please review each page to see how to price. If you need help deciding which type of motor is the best fit for your project, please contact Draper.

STANDARD MOTORS

These motors are 120V with a 4-wire pigtail. Control pricing should be figured separate from shade pricing. Quiet standard motors can be priced as an upgrade from standard motors. 220V motors are not listed.

PART NO.	ITEM
C047.250	Sonesse 506
C047.251	Sonesse 510
C047.244*	Sonesse Ultra 506
C047.050	Sonesse 506 - FlexShade® 2
C047.058	Sonesse 510 - FlexShade® 2
C047.032	LT60 660 - Colossal

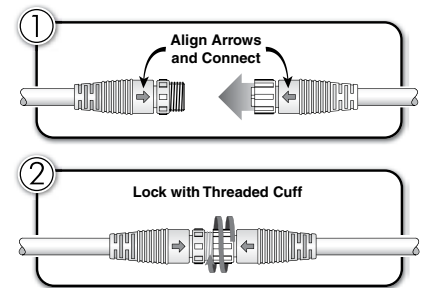
***Ultra motors operate at 38 dBA. Motor noise is reduced by approximately 20%.**

These motors CANNOT be parallel wired.

STANDARD MOTOR POWER CABLE OPTIONS

Draper Motorized shades are provided with M12 connectors as standard. This includes standard, quiet, RS485, and RTS motors. Product exceptions include FlexShade® 2 Pocket, Colossal, FlexShade ZIP, Skylight 2, and Exterior FlexShade. M12 connectors provide a secure, moisture resistant connection. The connector is small, easy to conceal, and passes through standard cable exit openings. 4 wire motor leads are used with standard motors, and 3 wire leads with RS485 and RTS motors. The Motorized FlexShade is furnished with 1' M12 motor leads and 5' female leads as standard. Prices below are for cables ordered separately. For longer female motor leads the list price of 5' leads will be deducted from the shade price and the longer leads (11', 17', 23') list price will be added. Metal jacketed female cables are available in 5' and 23' lengths.

PART NO.	ITEM
C107.086UL	4 Wire 1' Motor lead with Male M12 Connector
C107.088.060UL	5' Flexible Metal jacketed wires with female M12 connector
C107.088.276UL	23' Flexible Metal jacketed wires with female M12 connector
C107.088.1200UL	100' Flexible Metal jacketed wires with female M12 connector.
C107.089.060UL	4 Wire 5' Cord with Female M12 connector
C107.089.132UL	4 Wire 11' Cord with Female M12 connector - UL Certified
C107.089.204UL	4 Wire 17' Cord with Female M12 connector - UL Certified
C107.089.276UL	4 Wire 23' Cord with Female M12 connector - UL Certified
C116.038	4 Wire 6' cord without plug
C116.009	4 Wire 24' cord without plug



Draper M12 Connector Cables now meet the UL325 requirements and labeling, so you will be ready for the strictest inspectors.

QUICK DISCONNECTS & WALL PLATE RECEPTACLES

PART NO.	ITEM
C201.008	M12 Wall Mount Receptacle (White)
C079.013	Anderson Plug, male (White)
C079.050	Anderson Plug, female (Black)
C201.001	Anderson Wall Plate

MOTOR TEST CABLES

PART NO.	ITEM
C107.121	4 Wire M12 Motor Test Cord
C107.122	3 Wire M12 Motor Test Cord
503109	Motor Test Cord (With Alligator Clips)

NOTE: Not all motors are available in all products or sizes. Please contact Draper® for details.

Find your sales team at <https://draperinc.com/contactus>

STANDARD MOTOR OPTIONS - CONTINUED

FLEXSHADE MO

Some controls are now 220V. Some controls cannot be used in combination with other controls. Please visit www.draperinc.com or contact Draper® for more information. NOTE: Standard motors may not be parallel wired.

LINE VOLTAGE CONTROL

PART NO.	ITEM
121101	Switch, Maintained SPDT Toggle, Ivory (15 AMPS)
121102	Switch, Maintained SPDT Toggle, White (15 AMPS)
121103	Switch, Momentary SPDT Toggle, Ivory (15 AMPS)
121104	Switch, Momentary SPDT Toggle, White (15 AMPS)
C112.012	Switch, Maintained DPDT Rocker, Ivory (15 AMPS)
C112.002	Switch, Maintained DPDT Rocker, White (15 AMPS)
C112.026	Switch, Momentary DPDT Rocker, Ivory (15 AMPS)
C112.043	Switch, Momentary DPDT Rocker, White (15 AMPS)
121018	Switch, Key operated, SPDT (Maintained, 6 AMPS)
121022	Switch, Key operated, SPDT (Momentary, 6 AMPS)
C064.020	Extra Key for Light Duty Indoor Key Switch (For use with 121022 & 121018 only)
C112.135	Single Gang Key operated with Metal Cover Plate (Momentary, 25 AMPS)
C112.136	Two Gang Key operated with Metal Cover Plate (Momentary, 25 AMPS)
C112.137	Three Gang Key operated with Metal Cover Plate (Momentary, 25 AMPS)
C112.138	Four Gang Key operated with Metal Cover Plate (Momentary, 25 AMPS)
C112.139	Five Gang Key operated with Metal Cover Plate (Momentary, 25 AMPS)
C157.038	ISO- Isolation Relay
C156.309	GC4 - 4 Motor Isolation Relay
C010.277	Locking Cover Key Plate

INDIVIDUAL AND GROUP CONTROL *Individual and Group Control up to 4 motors per controller.*

PART NO.	ITEM
C156.253	IGC-4N1
C112.155	Decoflex IGC-4N1 Switch
C156.262	IGC-4N1 RTS Radio Receiver – (allows IGC-4N1 to be used with Situo handheld RTS transmitters. See Radio motor control options for pricing).

INTELLIFLEX I/O CONTROLS FOR STANDARD MOTORS

PART NO.	ITEM
C156.285SA	1 Motor External Motor Controller (With steel enclosure, 6"x6"x4")
C156.285	1 Motor External Controller (Without steel enclosure)
C156.286SA	4 Motor External Motor Controller (With steel enclosure, 8"x8"x4")
C156.286	4 Motor External Controller (Without steel enclosure)

ZIGBEE MOTORS AND CONTROLS

The Zigbee wireless mesh network extends the signal throughout the installation for easy integration and setup. Zigbee 3.0 increases user choice and flexibility, while ensuring products and services will all work together.

ZIGBEE 120V MOTORS

FLEXSHADE MOZ

PART NO.	ITEM
C047.343	ST40 AC Zigbee (4Nm)
C047.344	ST40 AC Zigbee (6Nm)

ZIGBEE BATTERY MOTORS

FLEXSHADE BAZ

PART NO.	ITEM
C047.345	Sonesse Ultra ST30 Li-Ion Zigbee
C047.346	Sonesse ST28 Li-Ion Zigbee
C047.347	Sonesse ST28 Wirefree Zigbee - External battery wand required (C105.011)

ZIGBEE ACCESSORIES

PART NO.	ITEM
C072.066	Situo 1 Channel Remote (Zigbee)
C072.067	Situo 4 Channel Remote (Zigbee)
C072.065	Zigbee Smart plug
C156.314	TaHoma Gateway
C088.007	ST28 Li-Ion Charger - Use with C047.333 and C105.011

NOTE: Not all motors are available in all products or sizes. Please contact Draper for details.

IntelliFlex® I/O by Draper® is a complete control solution for a motorized FlexShade®. Intelligent motors connect to wall switches, and other input devices through a wired network to allow communication between the devices. This also distributes power to them from the motors, eliminating the need for external power supplies. Configuration is done from the devices, with no need for a computer connection to the network. Networks can include up to 120 devices, and extend to 4000 feet in total with no further restrictions on connections between components. For more information see draperinc.com/windowshades/IntelliFlexio

IntelliFlex I/O

INTELLIFLEX I/O MOTOR

PART NO.	ITEM
C047.300	IntelliFlex I/O 6nm Motor
C047.303	IntelliFlex I/O 15nm Motor

NETWORK DEVICES

PART NO.	ACRONYM	ITEM
C156.268	WNG	Wireless Network Gateway
C156.269	AVG	A/V Gateway
C156.272	SSI	Schedule/Sensor Interface
C156.304	SSI+	Sensor Interface with Sun Tracking
C156.273	CCI	Contact Closure Interface
C215.020	SST	SSI Transformer
C156.271	CNC	Central Network Controller
C156.305	IPG	IP Gateway
C156.311	NDC3	3-Port Network Device Connector (NDC)

ADAPTERS

PART NO.	ITEM
C103.152	Adaptor Serial Cable for AV Gateway
C103.154	RJ45 Adaptor for SSI Sensor Ports
C103.159	Multi-Network Adapter -For use with NDC3

USER INPUT DEVICES

PART NO.	ACRONYM	ITEM
C112.178		Intelliflex I/O 3-Command Single Zone Switch
C112.179		Intelliflex I/O 3-Command Dual Zone Switch
C112.161	S1	Single Zone Wall Switch -Includes NDC and screwless cover plate
C112.162	S2	Dual Zone Wall Switch -Includes NDC and screwless cover plate
C156.270	RFR	Handheld RF Remote
121227	IRT/R	IR Transmitter and Receiver
121228	IRT	IR Transmitter

SENSORS

PART NO.	ACRONYM	ITEM
C156.280		External Brightness Sensor
C156.278		Wind Speed Sensor
C156.282	ISS	Internal Sun Sensor

TOOLS

PART NO.	ITEM
C202.047	Motor Limit Tool
C504.206SA	IntelliFlex I/O Installation Kit- (Includes: 1-25' data cable, 2-6' data cables, 1-MLT, 1-RJ45 Crimping Tool, 1-RJ45 tester, 1 small screwdriver, 1 large screwdriver, 2-NDCs, 1-M12 motor test cable & carrying case)

MOTOR DATA CABLES

PART NO.	ITEM
C107.105	3' Cable - IntelliFlex I/O CAT5/E Flat Data - Black
C107.106	6' Cable - IntelliFlex I/O CAT5/E Flat Data - Black
C107.107	12' Cable - IntelliFlex I/O CAT5/E Flat Data - Black
C107.108	25' Cable - IntelliFlex I/O CAT5/E Flat Data - Black
C107.109	50' Cable - IntelliFlex I/O CAT5/E Flat Data - Black

NETWORK CABLES

PART NO.	ITEM
C107.100	3' Cable - IntelliFlex I/O CAT5/E Round Data - Black
C107.101	6' Cable - IntelliFlex I/O CAT5/E Round Data - Black
C107.102	12' Cable - IntelliFlex I/O CAT5/E Round Data - Black
C107.103	25' Cable - IntelliFlex I/O CAT5/E Round Data - Black
C107.104	50' Cable - IntelliFlex I/O CAT5/E Round Data - Black

485 INTELLIGENT MOTORS**Ultra motors operate at 38 dBA. Motor noise is reduced by approximately 20%.*

PART NO.	ITEM
C047.246	Sonesse 506 RS485 (AC)
C047.247	Sonesse 510 RS485 (AC)
C047.280	Sonesse Ultra RS485 (AC)

INTELLIGENT MOTOR POWER CABLE OPTIONS

485 motors are provided with 1' M12 motor lead and 5' female lead as standard. If a different power cable option is selected, the list price of the 1' and 5' M12 cables will be deducted, and new cable list price added. NEMA Plugs are an optional alternative. Below are the prices for each item if ordered separately.

PART NO.	ITEM
C107.087UL	3 Wire 1' Motor lead with Male M12 Connector
C107.093.060UL	3 Wire 5' Cord with Female M12 Connector
C107.132	1.5' Motor Cable with 3 prong NEMA plug
C107.133	6' Motor Cable with 3 prong NEMA plug
C107.134	10' Motor Cable with 3 prong NEMA plug
C107.135	18' Motor Cable with 3 prong NEMA plug
C107.136	24' Motor Cable with 3 prong NEMA plug
C201.008	M12 Wall Mount Receptacle, White

INTELLIGENT MOTOR COMMUNICATION CABLE OPTIONS

PART NO.	ITEM
C107.082	2.5' RJ9 to RJ45 Cable
C107.083	8' RJ9 to RJ45 Cable
C107.084	12' RJ9 to RJ45 Cable
C107.085	24' RJ9 to RJ45 Cable

SDN INTELLIGENT MOTOR CONTROL OPTIONS

BUS DISTRIBUTION	
C156.274	5-Way RJ45 Splitter
BUILDING CONTROLLERS	
C156.211	SDN Data Panel
USER INTERFACES	
C156.275	Somfy Connect BMS Interface
C156.247	Somfy Connect LTI
C156.243	Z Wave Digital Motor Interface (ZDMI)
C156.245	Zigbee to RS485 (ZBDMI)
C107.098	Adapter Cable for Zigbee to RS485 (ZBDMI)
C107.099	Adapter Cable for Zigbee to RS485 (ZBDMI) - Grey with Power Data Cable
C156.248	RTS Receiver for 485
C112.146SA	SDN 6 button wall switch (Pre-programmed for master control)
C112.147	SDN 8 button wall switch
C156.298	Somfy Connect UAI Plus
ACCESSORIES	
C258.012	Bus Power Supply, 24V, 1A
C156.241	RS485 Address/Limit Setting Tool
C156.116	USB to RS485 Adaptor for SDN

ANIMEO® INTELLIGENT MOTOR CONTROL OPTIONS

SENSORS	
C156.242	Animeo IP Outside Sensor Box
C156.244	Animeo IP Inside Sensor Box
C156.246	Animeo IP Compact Sensor
C156.252	Brightness Sensor
BUILDING CONTROLLERS	
C156.250	Animeo IP Building Controller (Commissioning cost may apply. Call Draper for details.)
C156.249	Animeo IP Sub Controller
USER INTERFACES	
C156.239	Animeo IP RTS Receiver
C112.148	Animeo IP 6 button wall switch
C112.149	Animeo IP 8 button wall switch

ST30 DC QUIET MOTORS

These motors act as upgrades for Clutch FlexShade® only. Motors available in Dry Contact, Radio Frequency, or 485 Intelligent. 24V ST30 motor requires a transformer (prices shown at bottom of this page). Manual FlexShade® prices are used to determine base pricing. The motor prices on this page are added to that base price to determine final price. Only Manual FlexShade using 1 ½" rollers can be used with ST30 motors (maximum width approximately 90"). If you are unsure that your shades will work with these motors please contact Draper®.

PART NO.	ITEM
C047.340	Sonesse 30 RTS (Compatible with RTS control options on page 24)
C047.348	Sonesse 30 DCT (Dry Contact) <i>See below for control options</i>
C047.183	Sonesse 30 RS485 (Compatible with 485 control options on page 22)

LOW-VOLTAGE MOTOR (ST30) DRY CONTACT ACCESSORIES

PART NO.	ITEM
C202.025	ST30 24V Dry Contact Motor Limit Setting Tool
C112.115	ST30 24V Dry Contact Motor Switch (White) - <i>Maximum 8 motors</i>
C112.116	ST30 24V Dry Contact Motor Switch (Ivory) - <i>Maximum 8 motors</i>
C107.124	Low Voltage Plenum Cable (for RS485 Motors) - 1000 ft Roll

24V DC50 QUIET MOTORS**FLEXSHADE MO**

These motors are upgrades to standard Motorized FlexShade, as these motors are compatible with rollers 2" and above. Price as a standard Motorized FlexShade and add the following upcharge. Two types of control platforms are available, Intelligent Motor and Radio Motor (RTS). See appropriate sections for control options.

PART NO.	ITEM
C047.272	Sonesse Ultra 504 RS485 (Intelligent)
C047.323	Sonesse Ultra 504 RTS (Radio)

INTELLIGENT MOTOR POWER OVER ETHERNET OPTIONS

PART NO.	ITEM
C156.300	SDN Power over Ethernet Gateway
C156.301	SDN Power over Ethernet Kit (Gateway and Adaptor)
C103.148	Power over Ethernet Gateway to Motor Adaptor
C103.149	Power over Ethernet Gateway to Motor/Animeo Keypad Adaptor (Plenum Rated)
C103.156	Motor Daisy-chain Adaptor for SDN Power over Ethernet Gateway

TRANSFORMERS FOR 24V LOW-VOLTAGE MOTORS

(ST30 & DC50) Each 24V Quiet motor requires a transformer.

PART NO.	ITEM
C215.009	24VDC 1.66A, 1 motor, Plug-In Wall Type. <i>May also be used with ST30 and DC50 Motors.</i>
C044.212	20 Motor Power Panel <i>(Limited Quantities - While Supplies Last)</i>
C044.213	15 Motor Power Panel
C044.175	10 Motor Power Panel <i>(Limited Quantities - While Supplies Last)</i>
C044.214	5 Motor Power Panel <i>(Limited Quantities - While Supplies Last)</i>
C156.326	SDN 10 Motor Power Panel. <i>Must be used with ST30 485 and DC50 485 Motors.</i>

LOW-VOLTAGE MOTOR PIGTAIL REPLACEMENTS

PART NO.	ITEM
C156.251	RS485 Cable JST-RJ45
C107.054	ST30 (2W) Power Cable
C107.053	ST30 RS485 (3W) Data Cable
C107.123	ST30 Power & Data Cable
C107.052	ST30 DCT (4W) Communication Cable
C107.117	DC50 RS485 Power/Data Pigtail
C107.118	DC50 RTS Power Pigtail
C107.125	DC50 Address/Limit Setting Tool Cable (20')
C097.067	SDN Motor Male Connector
C097.068	SDN Motor Female Connector

NOTE: Not all motors are available in all products or sizes. Contact Draper® for details.

RADIO FREQUENCY MOTOR AND CONTROLS

RADIO MOTOR SYSTEM

***Ultra motors operate at 38 dBA. Motor noise is reduced by approximately 20%.**

These motors have a built-in radio receiver and are 120V with a 3-wire pigtail. 220V motors are available by quotation. Motorized product prices are figured with standard motors. The motors on this page require an upgrade cost to be added. Radio Motor Controls shown below.

PART NO.	ITEM
C047.248	Sonesse 506 RTS
C047.249	Sonesse 510 RTS
C047.117	LT50 Altus 506 RTS - FlexShade 2
C047.118	LT50 Altus 510 RTS - FlexShade 2
C047.245*	Sonesse Ultra 506 RTS

These motors may be parallel wired, and may plug into a 3-prong outlet for power with a cable option selected from the group below.

RADIO MOTOR POWER CABLE OPTIONS

RTS motors are provided standard with M12 connectors. NEMA Plugs are available as an alternative option. Radio Motors are furnished with 1' M12 motor lead and 5' female lead as standard. For longer female motor leads the list price of the 5' lead will be deducted from the shade price and the longer lead list price will be added.

PART NO.	ITEM
C107.087UL	3 Wire 1' Motor lead with Male M12 Connector
C107.093.060UL	3 Wire 5' Cord with Female M12 Connector
C107.132	1.5' Motor Cable with 3 prong NEMA plug
C107.133	6' Motor Cable with 3 prong NEMA plug
C107.134	10' Motor Cable with 3 prong NEMA plug
C107.135	18' Motor Cable with 3 prong NEMA plug
C107.136	24' Motor Cable with 3 prong NEMA plug
C107.122	M12 Motor Test Cord (M12 Connector with 3 Prong NEMA Cable)
C201.008	M12 Wall Mount Receptacle, White

NOTE: Not all motors are available in all products or sizes. Please contact Draper® for details.

RADIO MOTOR CONTROL OPTIONS

RADIO MOTOR CONTROLS

Radio frequency range will vary from install to install. There is no way to predict radio frequency range factors and factors can change throughout the day. All Somfy Radio Motors (high voltage, low voltage, and battery) work with the same Somfy transmitters. They do have different instructions which can be found online at www.draperinc.com

PART NO.	ITEM
C072.059	Situo 1 Single Channel Handheld Transmitter (White)
C072.060	Situo 4 Five Channel Handheld Transmitter (White)
C072.049	Telis 16 Sixteen Channel Transmitter (White)
C072.050	Telis 16 Sixteen Channel Transmitter (Silver)
C112.074	Decora RTS 1 Channel Wall Switch Kit (White)
C112.119	Decora RTS 1 Channel Wall Switch Kit (Ivory)
C112.127	Decora RTS 2 Channel Wall Switch Kit (Ivory)
C112.128	Decora RTS 2 Channel Wall Switch Kit (White)
C112.129	Decora RTS 3 Channel Wall Switch Kit (Ivory)
C112.130	Decora RTS 3 Channel Wall Switch Kit (White)
C112.131	Decora RTS 4 Channel Wall Switch Kit (Ivory)
C112.132	Decora RTS 4 Channel Wall Switch Kit (White)
C112.076	Decora RTS 5 Channel Wall Switch Kit (White)
C112.077	Decora RTS 5 Channel Wall Switch Kit (Ivory)
C072.033	Telis 1 Chronis Timer (White)
C156.100	RTS Dry Contact Interface
C072.044	RTS Repeater
C156.314	TaHoma Gateway
C103.160	Ethernet Adapter for wired connection
C156.101	URTSI II Universal RTS Interface (requires one of the DB9 to RJ45 adapters shown below)
C156.120	RTS Receiver for Standard Motor
C103.067	DB9 to RJ45 adapter for RS232
C103.068	DB9 to RJ45 adapter for RS485
C156.240	Z Wave to RTS (ZRTSI)

An RTS Repeater is required to improve or extend the range of a transmitter when needed. Placed near the edge of original transmitter range, an RTS Repeater can effectively double the range. Please contact Draper with any questions about motor capabilities or control interactions.

NOTE: If using Type D headbox, the power cable must exit the box as it is the motor's antenna. Not all motors available in all products or sizes.

FLEXSHADE® RECHARGE BATTERY MOTORS & ACCESSORIES

FLEX RECHARGE

MOTORIZED SHADES

The latest Draper® line of battery powered motors and controls, containing internal rechargeable batteries. Advantages: Quieter operation, larger sizes, no external battery wand or batteries to replace, and easy to use controls. These motors are an upgrade for Clutch FlexShade® only.

RECHARGE MOTORS *Motor cost in addition to Clutch FlexShade base price. Motor size based on shade size.*

PART NO.	ITEM
C047.329	Recharge 5V 25mm 1.1nm 20rpm (18.86", 2200mAH)
C047.325	Recharge 5V 25mm 1.1nm 20rpm (21.72", 2600mAH)
C047.326	Recharge 5V 28mm 2nm 20rpm
C047.330	Recharge 5V 45mm 3nm 20rpm
C047.331	Recharge 5V 45mm 10nm 9rpm

RECHARGE ACCESSORIES

PART NO.	ITEM
C107.126	4M Recharge Cable (5V Only) (Requires USB Wall Charger: C088.005)
C088.005	USB Wall Charger- 5V, 2A, White US Plug Universal (5V Only)
C107.137	8" USB Extender Cable (5V Only)
C044.241	Solar Panel Version 2 for Recharge Battery Motors

RECHARGE CONTROLS

PART NO.	ITEM
C156.263	Recharge RF 1 Channel Remote
C156.260	Recharge RF 15 Channel Remote
C112.156	Recharge RF 5 Channel Surface Mount Switch
C112.157	Recharge RF 1 Channel Switch (cut-in)
C112.158	Recharge RF 2 Channel Switch (cut-in)
C112.159	Recharge RF 15 Channel Switch (cut-in)
C010.534	Screwless Switch Cover Plate
C232.014	Recharge Sun Sensor
C156.264	Recharge 1 Channel Dry Contact Interface
C156.308	Pulse 2 Hub
C072.057	ARC Repeater
C088.005	USB Wall Charger for ARC Repeater
C103.147	ARC Serial Kit
C072.061	Recharge RF Push 5 Channel Remote (White)
C072.062	Recharge RF Push 5 Channel Remote (Black)
C072.063	Recharge RF Push 15 Channel Remote (White)
C072.064	Recharge RF Push 15 Channel Remote (Black)

FLEXSHADE® BATTERY

FLEXSHADE BA

NOTE: These controls and accessories are not compatible with Recharge Battery Powered Motors.

Contact Draper with questions about motor capabilities or control interactions. All Radio Motors (high voltage, low voltage, and battery) work with the same transmitters. Their different instructions which can be found online, or contact Draper for details. See page 28 for a list of radio frequency controls. Battery-Operated Motors are an upgrade to the Clutch FlexShade ONLY. Motorized shade prices are figured with standard motors. Battery Motor available on shades through 10' x 10'.

BATTERY MOTORS

PART NO.	ITEM
C047.341	Roll Up WireFree ST28 RTS Motor
C047.333	ST28 Li-Ion RTS Motor
C047.335	ST30 ULTRA Quiet Li-Ion RTS Motor
C047.338	ST40 Li-Ion RTS Motor - 2" Roller

BATTERY MOTOR ACCESSORIES

PART NO.	ITEM
C105.011	Lithium Battery Wand - Requires Li-Ion charger
C041.188	Solar Kit - For use with C105.011 Battery Wand and Li-ion Motors
C107.139	8" USB Extender Cable (5V Only)
C107.140	94.5" USB Extender Cable
C088.007	ST28 Li-Ion Charger - Use with C047.333 and C105.011
C107.160	Magnetic Charging Adapter
C107.159	Magnetic Rigid Charging Cable - Requires C107.160

NOTE: Battery length can affect shade width minimums (see above). Not all motors are available in all products or sizes. RF interference can reduce battery life dramatically. If this is a concern for your installation, then low voltage or high voltage radio motors are recommended.

MEDIUM-DUTY MANUALLY OPERATED WINDOW SHADES.

STANDARDS

Minimum 1.5" inch metal tube, with bead chain clutch operator on the right side standard, as seen from the room side. Left side operator available.

- 1" Elliptical aluminum slat inside of 1 5/8" heat-seamed pocket with heat sealed ends. Additional hem options available. See bottom of page 31 for details.
- Brackets for inside, outside, or ceiling mounting. Some large shades may require fabric stays at each panel seam at Draper® discretion. Call for details.
- Tensioned hold down device with warning label standard in compliance with ANSI/WCMA A100.1-2022. Incorrect installation partially disables the product.

OPERATING MECHANISM
STANDARD (WHITE OR BLACK)

- 20 lb or 24 lb bead chain clutch. If Spring Lift Assist is required, it has already been included in pricing below. Clutch mechanism and roller are sized as needed for shade panel lifting requirement.
- Stainless steel chain standard, Ivory, Grey, Black, White, or Brown polyester available at no extra charge.
- Fabric attached to roller via LSE adhesive.

OPTIONS

- Optional square fascia and headbox with endcaps available in two sizes (standard size and larger size to accommodate larger shades). Endcap covers included as standard. If endcap covers are to be excluded, notify Draper at time of quote or order.
- Powder coated textured finish options: Ivory, Charcoal Bronze, White, Black, or Clear Anodized.

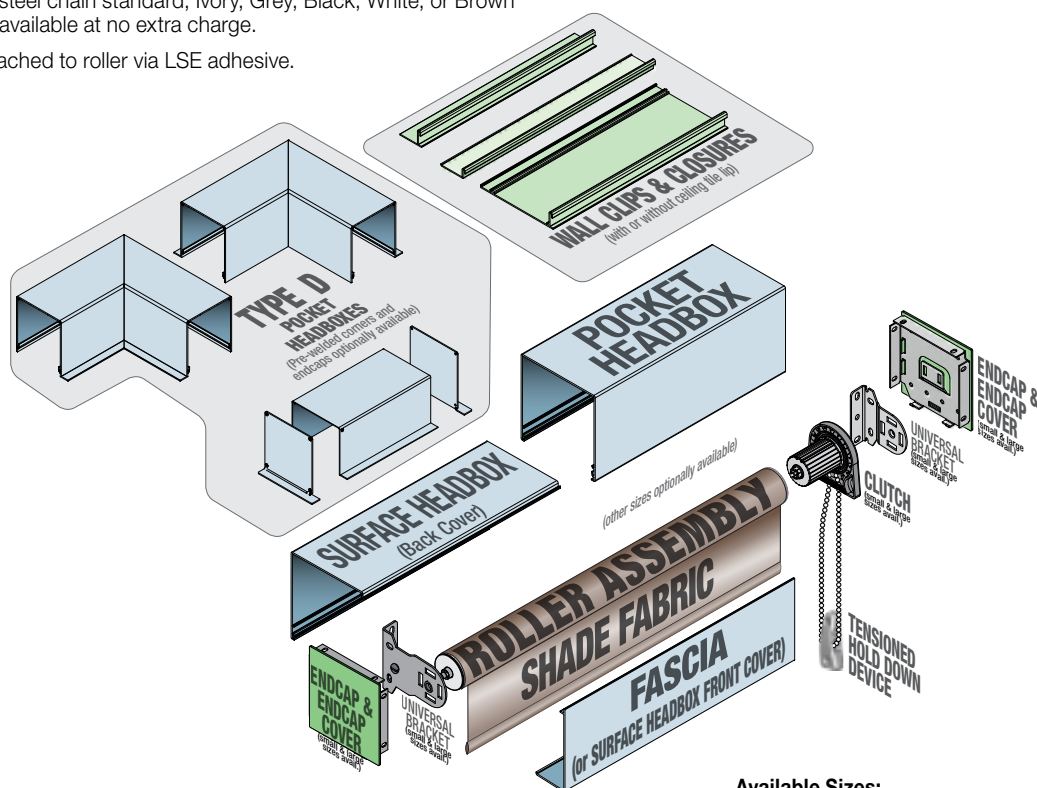
BATTERY AND 24V MOTOR UPGRADE

Clutch FlexShade® can be upgraded to Battery, Recharge, or ST30 DC motors. Sizes limited, contact Draper for restrictions. The Battery FlexShade is Best for Kids™ certified.

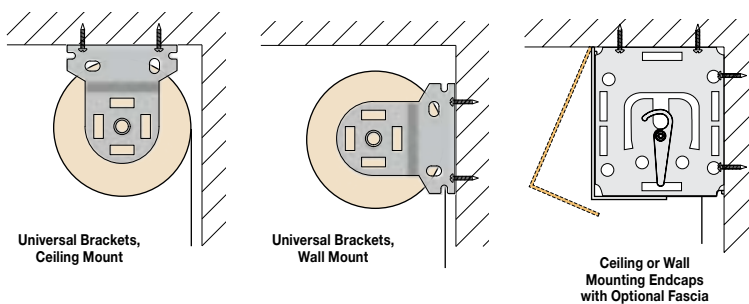
FLEXSHADE CRANK-OPERATED UPGRADE

If fascia/headbox are not required, cost for endcaps and Crank/Gearbox will be included. Maximum shade width of 120". FlexShade with crank is Best for Kids™ certified.

FLEXSHADE CR



Clutch Hardware

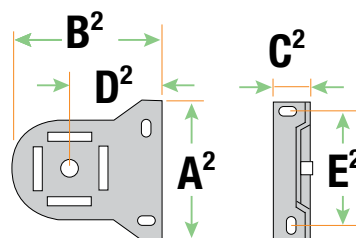
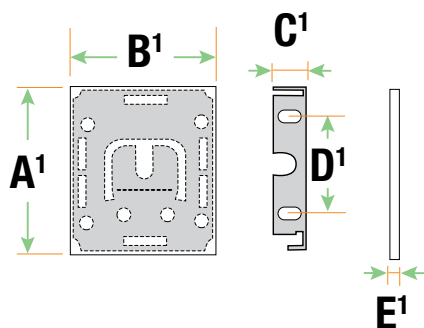
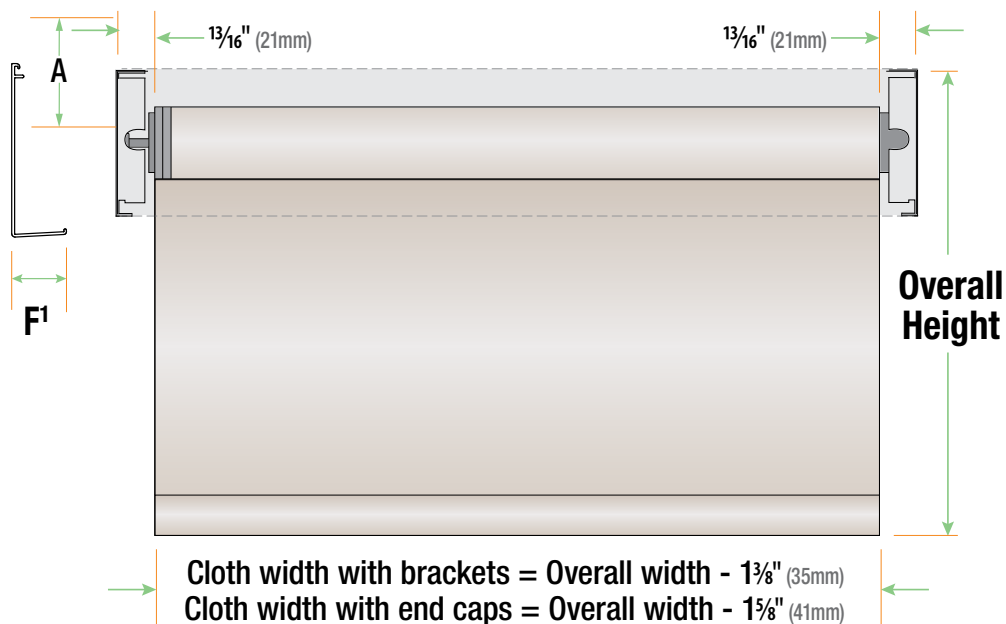


Available Sizes:

WIDTH:	2'	3'	4'	5'	6'	7'	8'	9'	10'	11'	12'	13'	14'
HEIGHT													
2'													
3'													
4'													
5'													
6'													
7'													
8'													
9'													
10'													
11'													
12'													
13'													
14'													

* Sizes requiring large endcaps/brackets will vary according to fabric.

- ☐ Small endcaps/brackets
- ☒ Large endcaps/brackets may be required.



HEADBOX WITH ENDCAPS				
	SMALL		LARGE	
A ¹	3 15⁄16"	100mm	4 11⁄16"	119mm
B ¹	3 7⁄8"	87mm	4 11⁄16"	119mm
C ¹	5⁄8"	16mm	5⁄8"	16mm
D ¹	2"	51mm	3 1⁄4"	83mm
E ¹	1⁄8"	1.6mm	3⁄32"	2.4mm
F ¹	1 3⁄16"	30mm	1 1⁄16"	40mm

ENDCAPS WITH FASCIA				
	SMALL		LARGE	
A ¹	3 7⁄8"	98mm	4 5⁄8"	117mm
B ¹	3 3⁄8"	86mm	4 5⁄8"	117mm
C ¹	5⁄8"	16mm	5⁄8"	16mm
D ¹	2"	51mm	3 1⁄4"	83mm
E ¹	1⁄8"	1.6mm	3⁄32"	2.4mm
F ¹	1 3⁄16"	30mm	1 1⁄16"	40mm

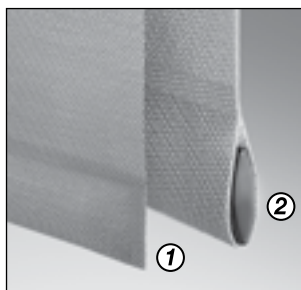
BRACKETS				
	SMALL		LARGE	
A ²	2 3⁄₆"	56mm	2 3⁄₆"	56mm
B ²	2 3⁄₆"	60mm	3"	76mm
C ²	1 1⁄₆"	27mm	1 1⁄₆"	27mm
D ²	1 3⁄₆"	41mm	2 1⁄₄"	57mm
E ²	1 1⁄₄"	32mm	1 3⁄₄"	44mm
F ²	NA	NA	NA	NA

HEM OPTIONS FOR CLUTCH FLEXSHADE®

STANDARD HEM BAR OPTIONS:

Please specify preference at time of order.

- 1" Elliptical slot inside of 1 5/8" heat-seamed pocket with heat sealed ends.
- 1" Elliptical slot inside of 1 5/8" heat-seamed pocket with open pocket ends. Plastic endcaps on hem bar.

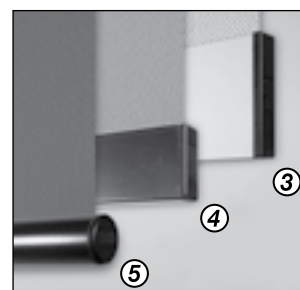


EXPOSED HEM BAR OPTIONS:

Please specify preference and color at time of order.

CHOOSE TYPE:

- 1 1/2" x 5/16" Rectangular Hem Bar with plastic endcaps.
- 7/8" x 5/16" Rectangular Hem Bar with plastic endcaps.
- 3/4" Round Hem bar with plastic endcaps.



CHOOSE COLOR:

Black, Bronze, Ivory, White, Clear Anodized

Find your sales team at <https://draperinc.com/contactus>

STANDARDS

- Heavy-Duty Clutch Design
- Available in Slim, Small (standard), and Large sizes.
- Wall or Ceiling field convertible mounting hardware
- Jamb mounting holes. NOTE: Endcap covers are included in overall product width. If endcap covers are to be excluded, notify Draper® at time of quote or order.
- Height adjustable idler bracket for fine leveling adjustments
- Metal tube with bead chain clutch operation on right side standard as seen from facing the window inside the room. Left side operator available.
- Tensioned hold down device with warning label standard in compliance with ANSI/WCMA A100.1-2022.
- Spline fabric attachment is standard. For a deduction, attachment with adhesive is available upon request.
- 1" Elliptical aluminum slat bar inside 1 5/8" hem pocket with heat sealed ends. Additional hem options available. See bottom of page 34 for details.
- Stainless steel bead chain standard. (Ivory, Grey, Black, White, or Brown polyester available at no extra charge).
- Draper will default to small or large hardware options as required by shade size. If shades are to be slim hardware option, or if groups of shades are to match in hardware size please notify Draper.

OPTIONS

Multiple Hardware choices:

- Endcaps with or without fascia (Slim, Small, or Large)
- Cassette Headbox with Fascia (Slim Only)
- Surface Headbox (Small or Large)
- Pocket Headbox (Small or Large)
- Type D Pocket Headbox. See page 46 for more information.
- All hardware options field convertible to wall or ceiling mount
- Powder coated textured finish options: Ivory, Charcoal Bronze, White, Black, or Clear Anodized. Color matched Plastic Endcap covers included.

Available Sizes:

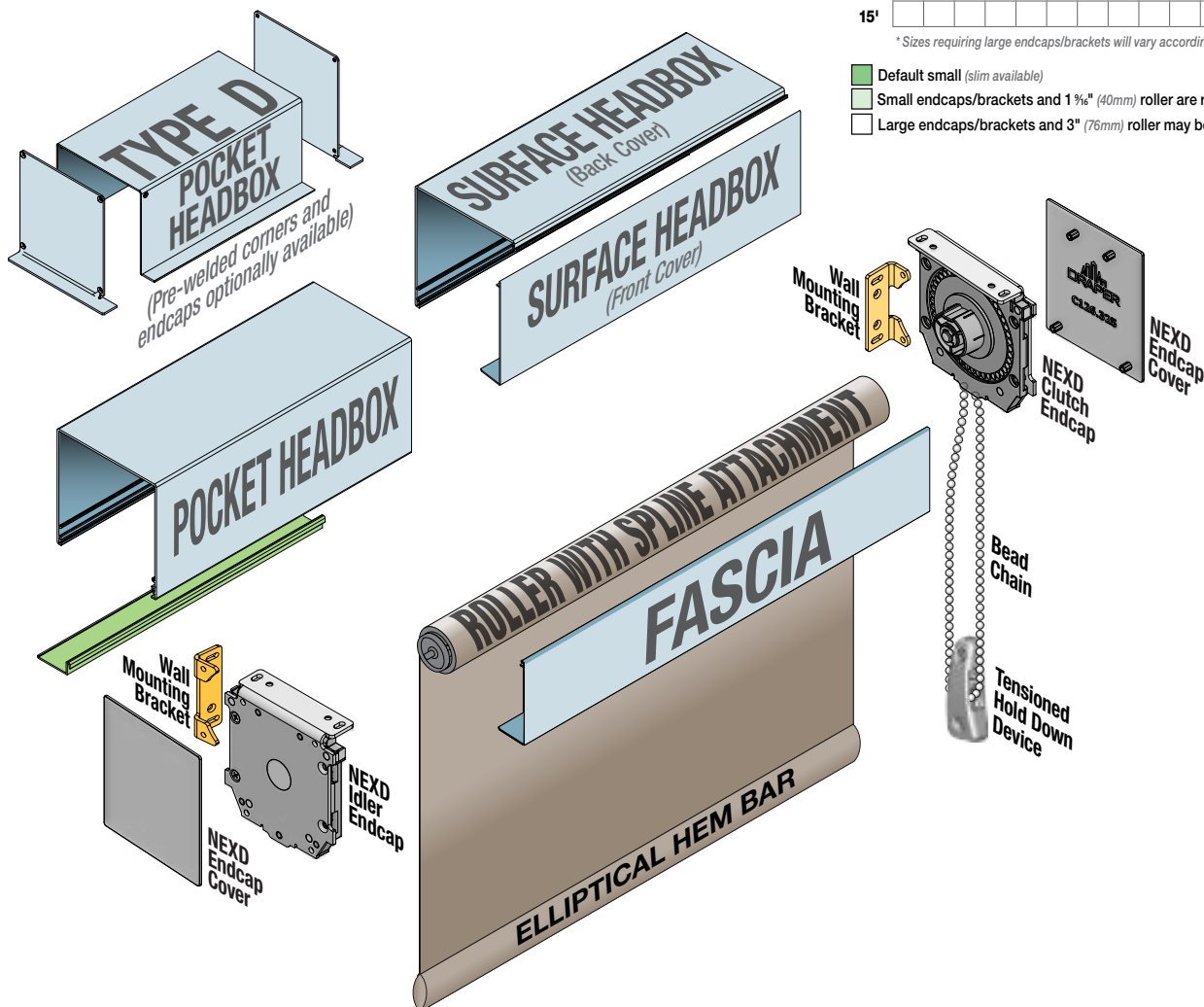
WIDTH:	2'	3'	4'	5'	6'	7'	8'	9'	10'	11'	12'	13'	14'	15'
HEIGHT														
2'														
3'														
4'														
5'														
6'														
7'														
8'														
9'														
10'														
11'														
12'														
13'														
14'														
15'														

* Sizes requiring large endcaps/brackets will vary according to fabric.

■ Default small (slim available)

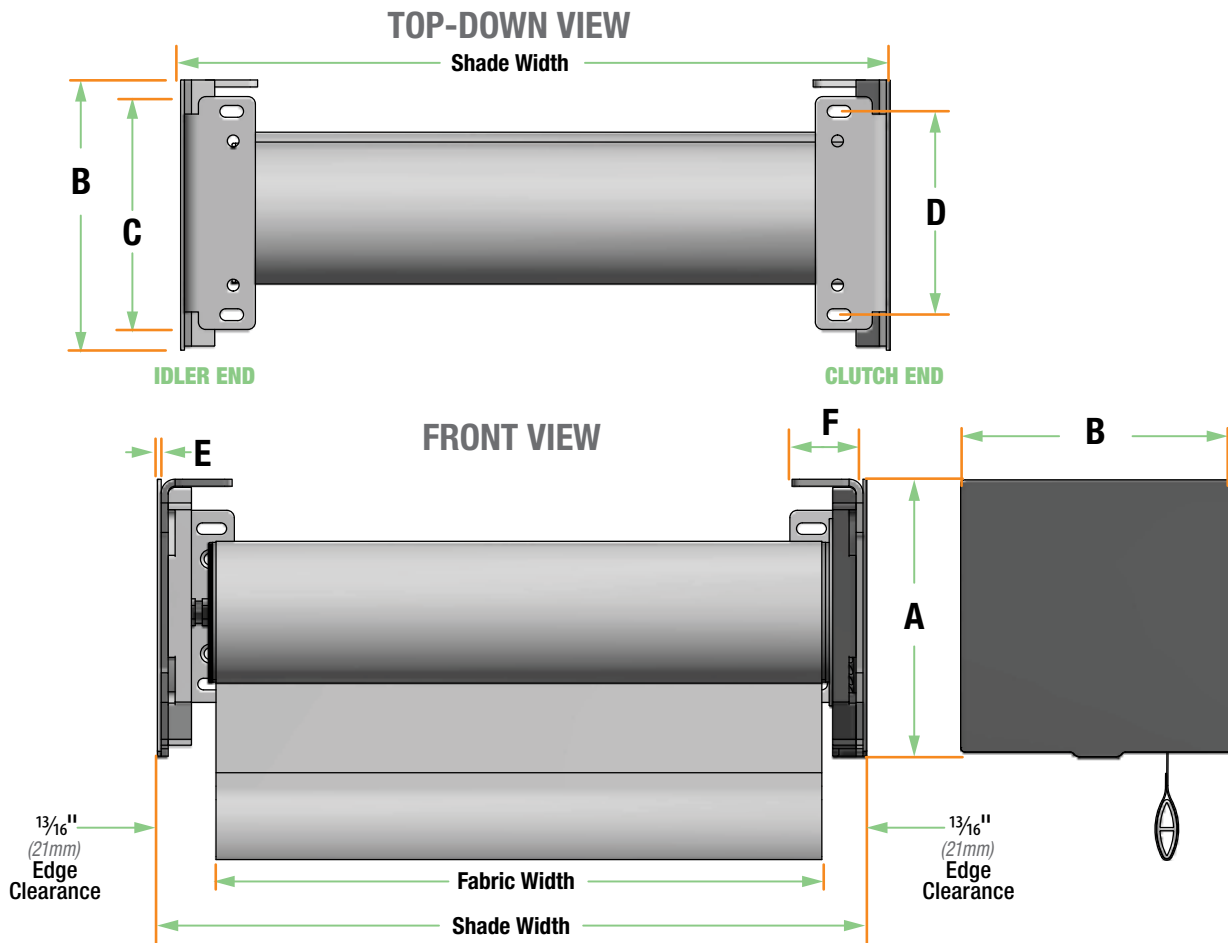
■ Small endcaps/brackets and 1 5/8" (40mm) roller are recommended.

■ Large endcaps/brackets and 3" (76mm) roller may be required.



CLUTCH FLEXSHADE® NEXD

Dimensions



FlexShade® NEXD Endcaps & Fascia

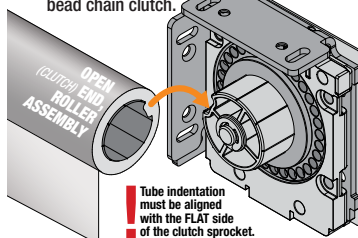
	ENDCAPS	
	SMALL	LARGE
A	3 7/8" (98mm)	4 5/8" (117mm)
B	3 3/8" (86mm)	4 3/8" (117mm)
C	2 3/4" (70mm)	3 15/16" (100mm)
D	2 1/8" (54mm)	3 7/16" (87mm)
E	1/16" (2mm)	1/16" (2mm)
F	1 1/4" (32mm)	1 1/4" (32mm)

	ENDCAPS WITH FASCIA	
	SMALL	LARGE
A	3 7/8" (98mm)	4 5/8" (117mm)
B	3 3/8" (86mm)	4 3/8" (117mm)
C	2 3/4" (70mm)	3 15/16" (100mm)
D	2 1/8" (54mm)	3 7/16" (87mm)
E	1/16" (2mm)	1/16" (2mm)
F	1 1/4" (32mm)	1 1/4" (32mm)

	HEADBOX WITH ENDCAPS	
	SMALL	LARGE
A	3 15/16" (100mm)	4 11/16" (119mm)
B	3 7/16" (87mm)	4 11/16" (119mm)
C	2 3/4" (70mm)	3 15/16" (100mm)
D	2 1/8" (54mm)	3 7/16" (87mm)
E	1/16" (2mm)	1/16" (2mm)
F	1 1/4" (32mm)	1 1/4" (32mm)

NEXD Easy Installation

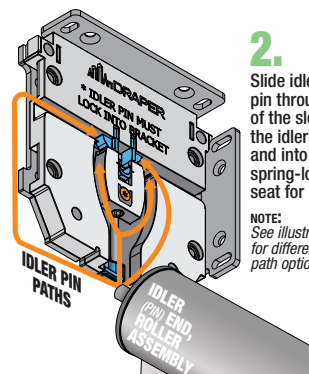
1. Carefully work open (clutch) end of roller onto bead chain clutch.



- 2.

Slide idler end pin through one of the slots on the idler endcap, and into the spring-loaded seat for pin.

NOTE: See illustration for different path options.

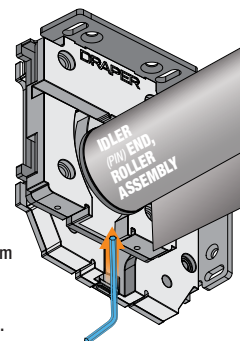


- 3.

Test shade to ensure that roller is level and operating properly.

- 4.

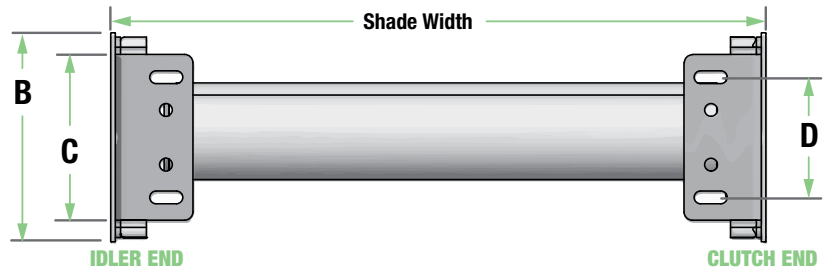
If not, adjust idler leveling screw with 3mm Hex Wrench, available upon request when ordering shade.



NEXD SLIM Cassette Style Dimensions

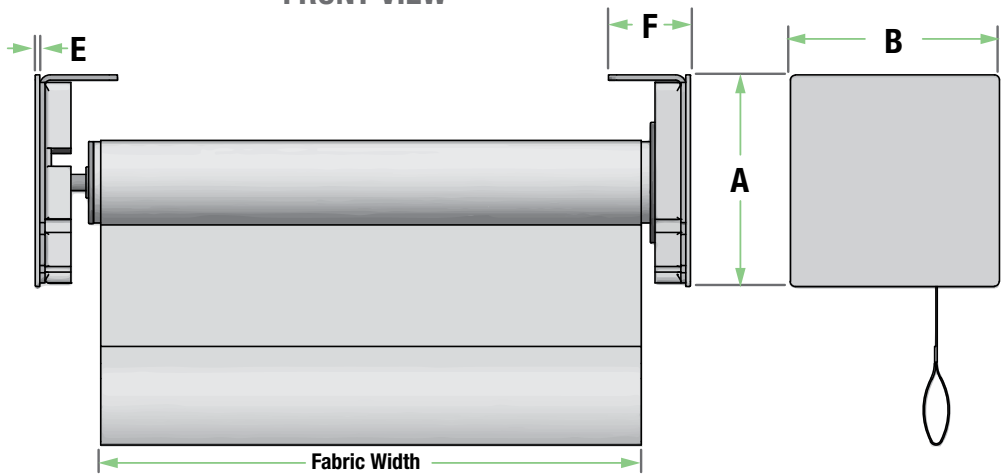
MANUAL ROLLER SHADES

TOP-DOWN VIEW



WALL MOUNT DIMENSIONS	
A	3 3/16" (81 mm)
B	3 1/4" (83 mm)
C	2 1/2" (64 mm)
D	1 3/16" (30 mm)
E	1/16" (1.6 mm)
F	1 1/4" (32 mm)

FRONT VIEW



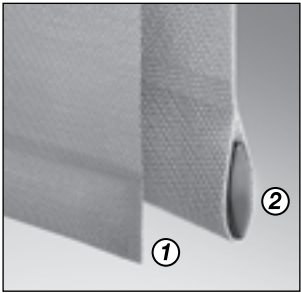
CEILING MOUNT DIMENSIONS	
A	3 1/4" (83 mm)
B	3 3/16" (81 mm)
C	2 1/2" (64 mm)
D	1 3/16" (30 mm)
E	1/16" (1.6 mm)
F	1 1/4" (32 mm)

HEM OPTIONS FOR CLUTCH FLEXSHADE® NEXD

STANDARD HEM BAR OPTIONS:

Please specify preference at time of order.

- ① 1" Elliptical slat inside of 1 5/16" heat-seamed pocket with heat sealed ends.
- ② 1" Elliptical slat inside of 1 5/16" heat-seamed pocket with open pocket ends. Plastic endcaps on hem bar.

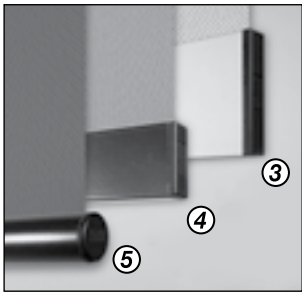


EXPOSED HEM BAR OPTIONS:

Please specify preference and color at time of order.

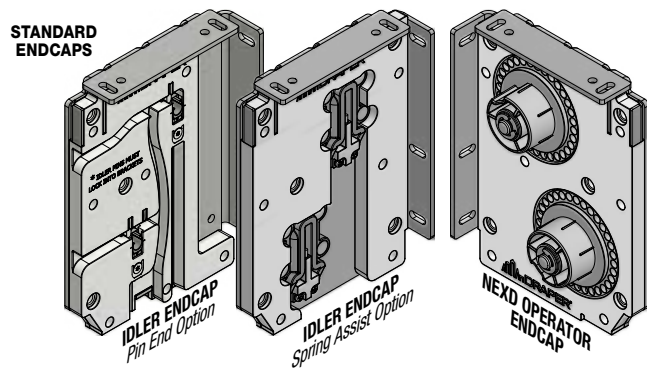
CHOOSE TYPE:

- ③ 1 1/2" x 5/16" Rectangular Hem Bar with plastic endcaps.
- ④ 7/8" x 5/16" Rectangular Hem Bar with plastic endcaps.
- ⑤ 3/4" Round Hem Bar with plastic endcaps.

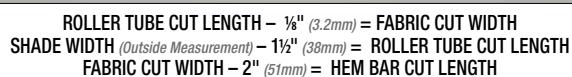
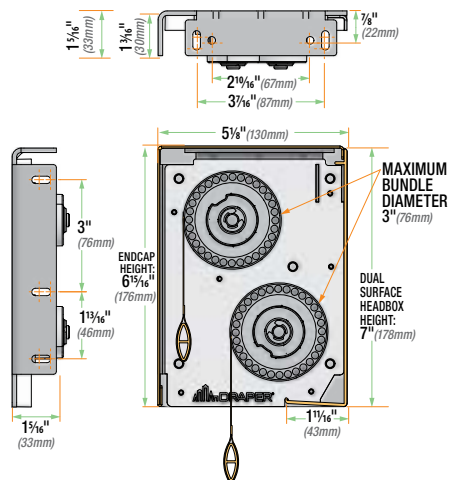


CHOOSE COLOR: Black, Bronze, Ivory, White, Clear Anodized

Standard Hardware Components



Standard Dual Surface Headbox



MANUAL ROLLER SHADES

Affordable, light-duty manually operated window shades.

STANDARDS

- 1 ¼" diameter aluminum tube with 10 lb bead chain clutch operator right side, standard, as seen from inside the room, facing the window. Left side operator available.
- Tensioned hold down device with warning label standard in compliance with ANSI/WCMA A100.1-2022. Incorrect installation partially disables the product.
- 1" maple slat inside of 1½" heat-seamed pocket with heat sealed ends. Additional hem options available. See bottom of page 37 for details.
- 1 ⅝" universal brackets for inside, outside or ceiling mounting.
- Stainless steel bead chain clutch operation.

Techmatic Shade size limitations:

- Tube/Roller diameter limit of 1 ¼"
- Clutch limit of 10 lb
- No railroading
- No seams
- Single Roller only

NOTE: Techmatic Shades are limited to the published sizes. No variations are allowed. Any variations will be quoted as

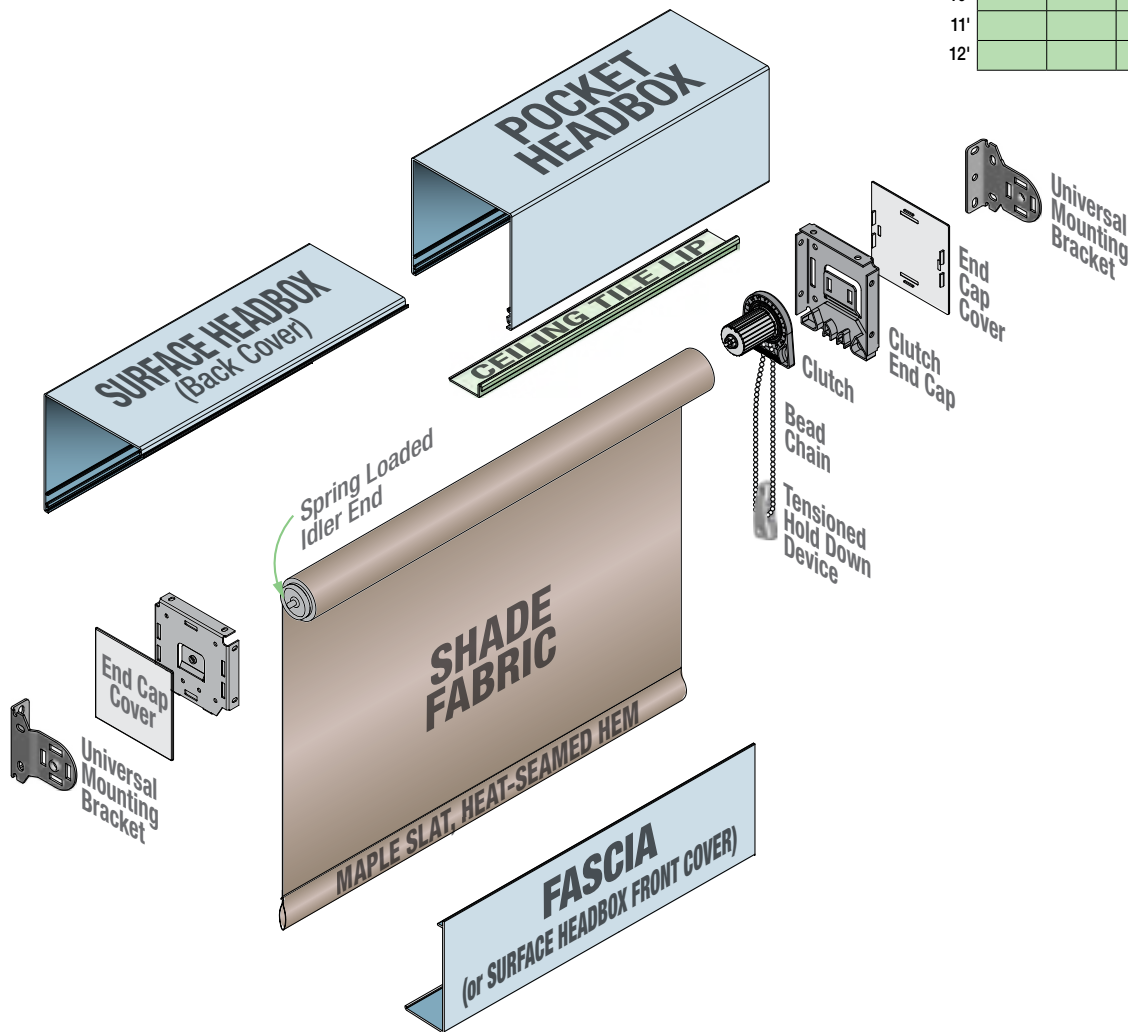
Components

Clutch FlexShade. OPTIONS

- 1" Aluminum Slat available at no extra charge by request.
- Stainless steel bead chain is standard. Polyester bead chain (Ivory, Grey, Black, White, or Brown) available at no extra charge.
- Clutches available in White (standard) or Black.
- Universal Mounting Brackets match clutch color White/Black.
- Optional fascia or headbox with endcaps available. Endcap covers included as standard. If endcap covers are to be excluded, notify Draper® at time of quote or order.
- Powder coated textured finish options: Ivory, Charcoal Bronze, White, Black, or Clear Anodized.

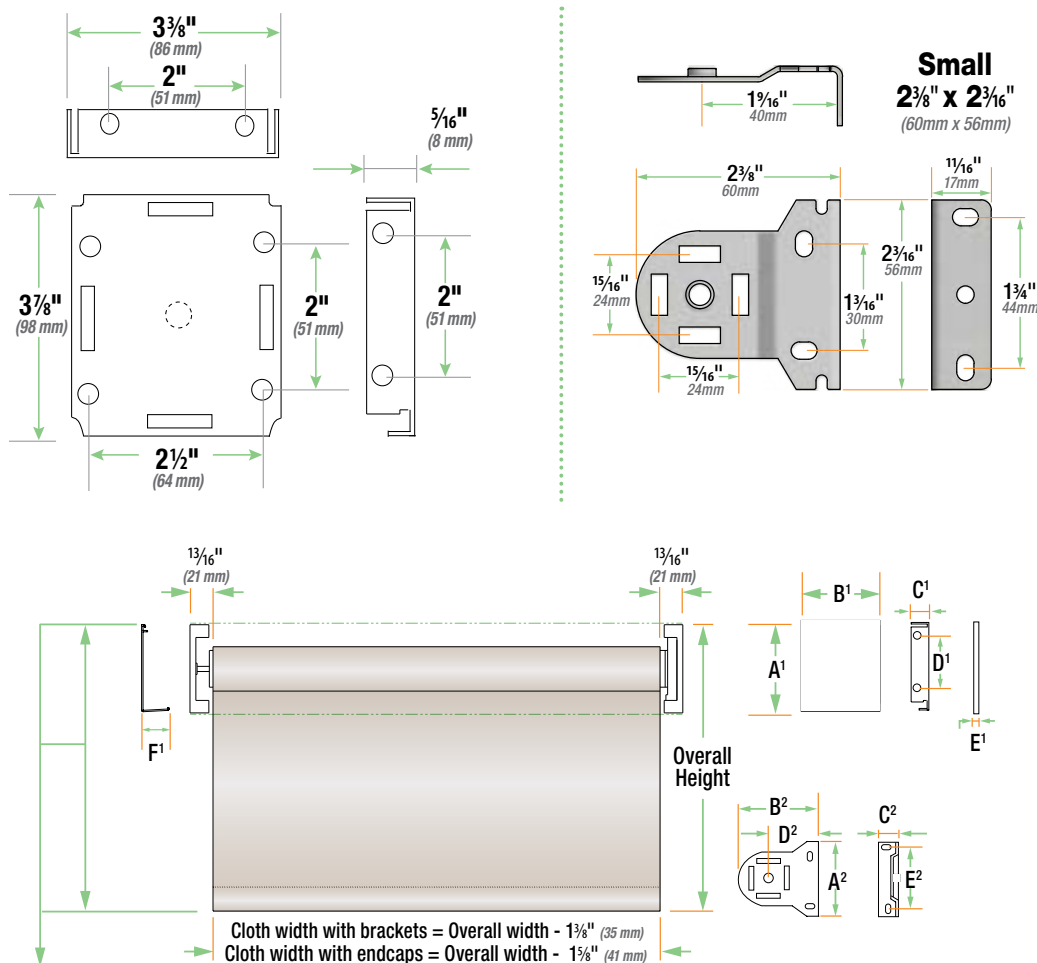
Available Sizes

WIDTH:	2'	3'	4'	5'	6'
HEIGHT	2'				
	3'				
	4'				
	5'				
	6'				
	7'				
	8'				
	9'				
	10'				
	11'				
	12'				



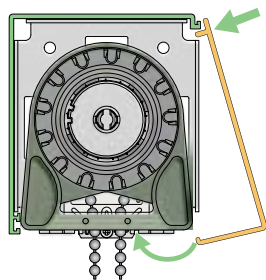
TECHMATIC SHADE FABRICS

Dimensions

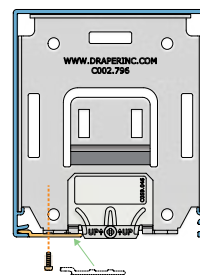
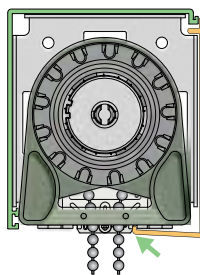


Headbox Options

SURFACE HEADBOX



POCKET HEADBOX

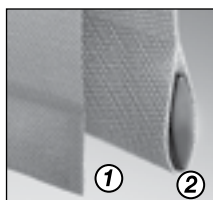


HEM OPTIONS FOR TECHMATIC

STANDARD HEM BAR OPTIONS:

Please specify preference at time of order.

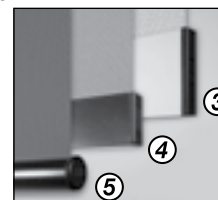
- ① 1" Elliptical slot inside of 1 5/8" heat-seamed pocket with heat sealed ends.
- ② 1" Elliptical slot inside of 1 5/8" heat-seamed pocket with open pocket ends. Plastic endcaps on hem bar.



EXPOSED HEM BAR OPTIONS:

Please specify preference and color at time of order.

- ③ 1 1/2" x 5/16" Rectangular Hem Bar with plastic endcaps.
- ④ 7/8" x 5/16" Rectangular Hem Bar with plastic endcaps.
- ⑤ 3/4" Round Hem bar with plastic endcaps.



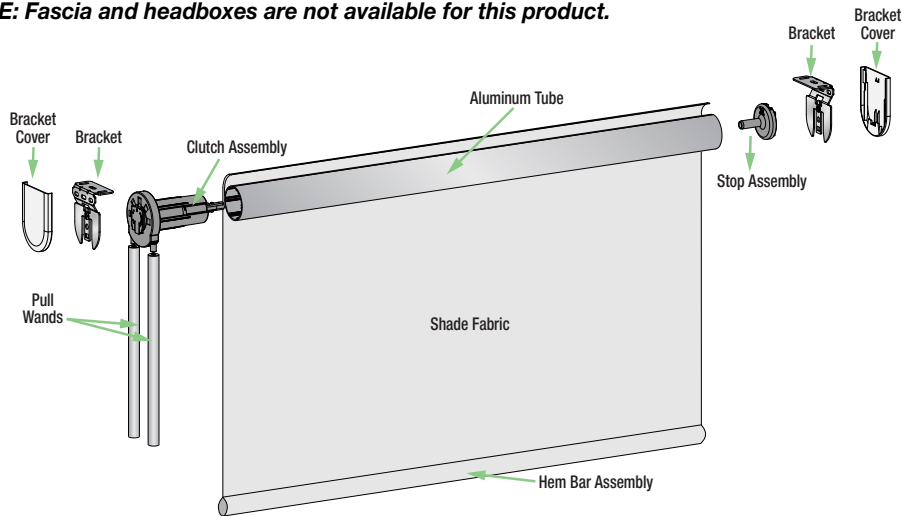
CHOOSE COLOR:

Black, Bronze, Ivory, White, Clear Anodized

This accessory is a replacement for the basic bead chain. The Twin Pull accessory is a child safe option for those with young children and meets current ANSI/WCMA A100.1-2022 Compliance standards. May be added to any clutch shade for an additional price per shade.

- Available for shades up to 8' wide depending on fabric selection.
- Shade controlled with wand.
- Brackets only.

NOTE: Fascia and headboxes are not available for this product.



MEASURING / ORDERING INSTRUCTIONS

Width

- For brackets, overall outside measurement exceeds cloth width by 1 3/8".
For fascia with endcaps, overall outside measurement exceeds cloth width by 1 1/2".

Inside Mounting

- Exact inside width of window opening.

Outside Mounting

- Opening plus cloth lap on each side. Tell us either cloth width or tip-to-tip width.

Finished Length

- Height of opening + 6" for cloth wrap at bottom = finished length.

When ordering, please state the following:

- Style of shade (i.e. Spring Roller – Single Roller Style).
- Quantity.
- Name and color of fabric.
- Width, either inside or cloth measure, or overall tip-to-tip measure.
For replacement fabric, use cloth measure of existing fabric.
- Finished length of shade. Draper® adds 6" to the height.
- What type of brackets are required, inside, outside or ceiling.

Order forms available online at:

www.draperinc.com/windowshades/shadeorderforms.aspx

Fabric Attachment

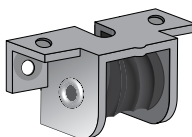
- Spring Roller Shade fabrics are attached to roller with adhesive as standard, have a heat-seamed hem, a maple slat, and a single-turned bottom hem.

OPTIONS

- Additional cost added for locking pulley at sill.
- Additional cost added if shade roller is to mount at bottom of window with locking pulley and pulley bracket at top: Transom Style.
- Deduction taken per pair for omission of roller brackets.
- Addition cost added for sewn hem option.
- Optional fascia or headbox with endcaps available, except on narrow shades using 1" rollers.
- Powder coated textured finish options: Ivory, Charcoal Bronze, White, Black, or Clear Anodized. Price includes endcaps in lieu of brackets.

SPECIAL LOCKING PULLEY - TRANSOM SHADES

N-10 Transom Pulley

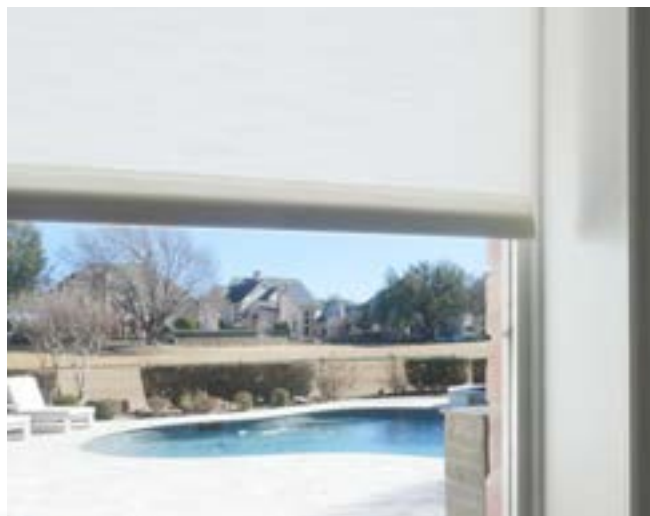


Recommended for hopper windows, doors, and other operable windows. Shade mounts at bottom of the window and pulls up through the N-10 locking pulley. Mounted in this manner, shades are held taut over glass area and do not interfere with operation of the windows.

Available Sizes:

WIDTH:	2'	3'	4'	5'	6'	7'	8'	9'	10'	11'	12'	13'	14'
HEIGHT	2'												
	3'												
	4'												
	5'												
	6'												
	7'												
	8'												
	9'												
	10'												
	11'												
	12'												
	13'												
	14'												

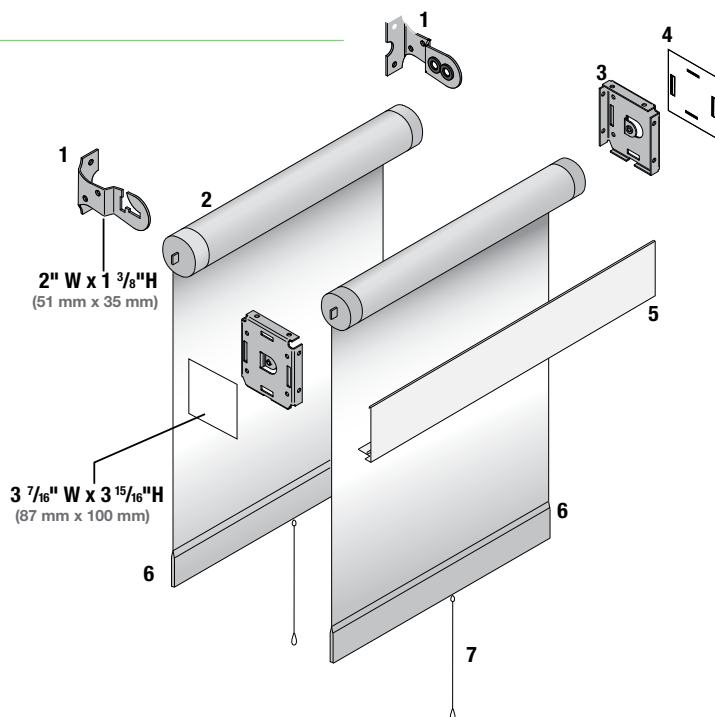
* Sizes requiring large endcaps/brackets will vary according to fabric.



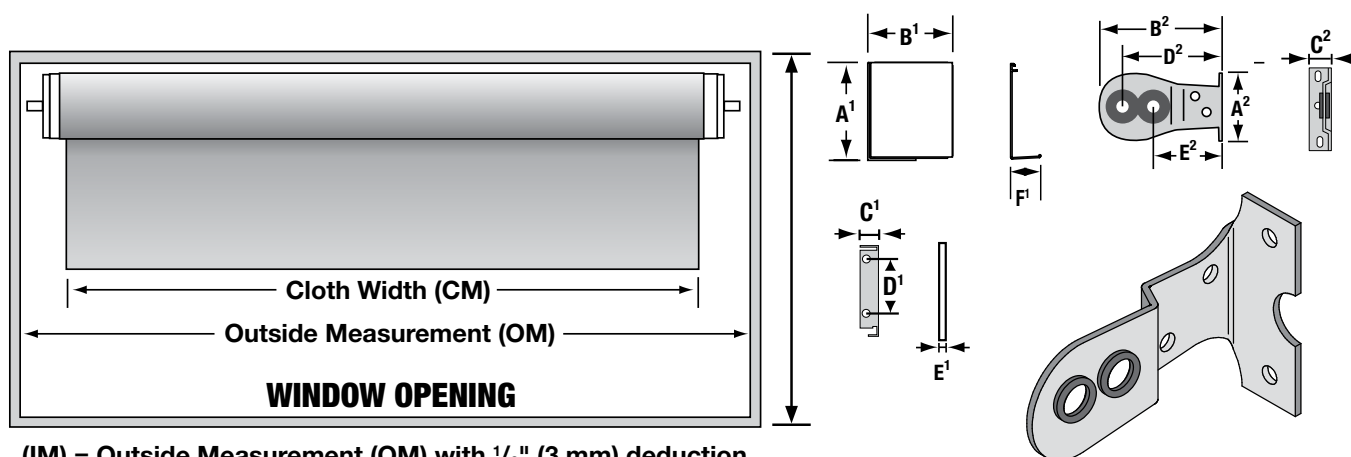
SPRING ROLLER SHADE - CONTINUED

Spring Roller Shade Components

1. Universal Wall/Ceiling Bracket
2. Spring Operator
3. Fascia Endcap
4. Fascia Endcap Cover
5. Fascia
6. Kiln-dried Maple Slat
7. Optional Pull Cord



Spring Roller FlexShade Components



(IM) = Outside Measurement (OM) with $\frac{1}{8}$ " (3 mm) deduction.

Overall Width includes plastic endcap covers. (Pair adds $\frac{1}{8}$ " [3 mm] to Overall Width)

Please note: When measuring shade height, remember to include endcaps and fascia or headbox.

HEADBOX WITH ENDCAPS				
SMALL			LARGE	
A ¹	3 $\frac{1}{16}$ "	100mm	4 $\frac{1}{16}$ "	119mm
B ¹	3 $\frac{7}{16}$ "	87mm	4 $\frac{1}{16}$ "	119mm
C ¹	$\frac{5}{8}$ "	16mm	$\frac{5}{8}$ "	16mm
D ¹	2"	51mm	3 $\frac{1}{4}$ "	83mm
E ¹	$\frac{1}{16}$ "	1.6mm	$\frac{3}{32}$ "	2.4mm
F ¹	1 $\frac{3}{16}$ "	30mm	1 $\frac{1}{16}$ "	40mm

ENDCAPS WITH FASCIA				
SMALL			LARGE	
A ¹	3 $\frac{7}{8}$ "	98mm	4 $\frac{5}{8}$ "	117mm
B ¹	3 $\frac{3}{8}$ "	86mm	4 $\frac{5}{8}$ "	117mm
C ¹	$\frac{5}{8}$ "	16mm	$\frac{5}{8}$ "	16mm
D ¹	2"	51mm	3 $\frac{1}{4}$ "	83mm
E ¹	$\frac{1}{16}$ "	1.6mm	$\frac{3}{32}$ "	2.4mm
F ¹	1 $\frac{3}{16}$ "	30mm	1 $\frac{1}{16}$ "	40mm

BRACKETS				
SMALL			LARGE	
A ²	1 $\frac{3}{8}$ "	35mm	1 $\frac{15}{16}$ "	49mm
B ²	1 $\frac{15}{16}$ "	49mm	2 $\frac{11}{16}$ "	68mm
C ²	$\frac{5}{8}$ "	16mm	1 $\frac{3}{16}$ "	21mm
D ²	1 $\frac{3}{8}$ "	41mm	2 $\frac{1}{8}$ "	54mm
E ²	1 $\frac{1}{4}$ "	32mm	1 $\frac{1}{8}$ "	41mm
F ²	NA	NA	NA	NA

Shade Overall Width includes plastic endcap covers.

Pair of small endcap covers adds $\frac{1}{8}$ " (3.2mm) to Overall Width.

Pair of large endcap covers adds $\frac{3}{16}$ " (4.8mm) to Overall Width.

Above dimensions based upon 20 lb clutch and 1 $\frac{1}{2}$ " (38mm) diameter roller.

FLEXSHADE® EXTRUSIONS AND ACCESSORIES

***Not all accessories are compatible. All extrusions on this page available in smooth white finish only.**

CUSTOM POCKETS

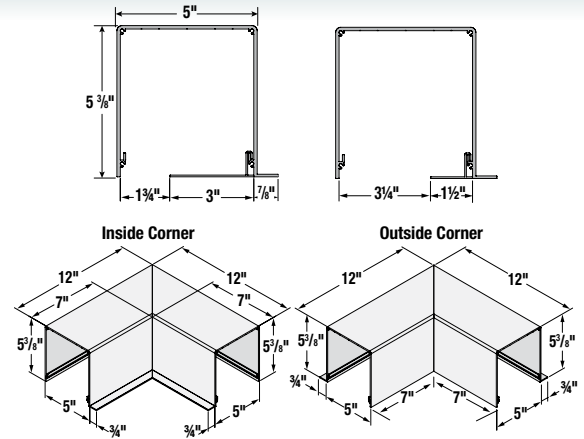
Draper® offers custom pockets suitable for all products/sizes. Please contact Draper for details and pricing.

TYPE D POCKET

Aluminum Type D Pockets are for mounting single roller motorized or manual FlexShade® above the ceiling. Pockets are anchored through the top, and FlexShade are installed using standard ceiling brackets.

- Pockets have a removable, continuous closure (sold separately) that drops into place without fasteners. 1 1/2" closure panel recommended for use with clutch operated FlexShade. Larger closure panels will require field notching for bead chain clearance. Not suitable for all products/sizes.
- 12' 3" stock length.
- Cross-section measures 5" x 5 3/8".
- Fixed lip along lower edge supports lay-in ceiling at bottom edge.
- For use with clutch-operated or motorized FlexShade, and with FlexShade Coupling Assembly.

POCKET D



PART NO.	ITEM	
C177.080.30	Type D Pocket	Priced by Piece or Cut to Size
Type D Pocket Bundle One bundle consists of 18 stock length (12' 3") extrusions. In order to receive bundle price, you must order in complete bundle quantities.		Priced by Piece
C032.091	Alignment Pin – Facilitates easier alignment of multiple Type D Pockets. 4 required per connection.	Priced by Piece
C098.031.30	Inside Corner	Priced by Piece
C098.032.30	Outside Corner	Priced by Piece
C041.019	Extruded Type D Pocket Endcap Kit with Tile Lip	Priced by Pair

DUAL ROLLER EXTRUDED ALUMINUM HEADBOX

DUAL HEADBOX

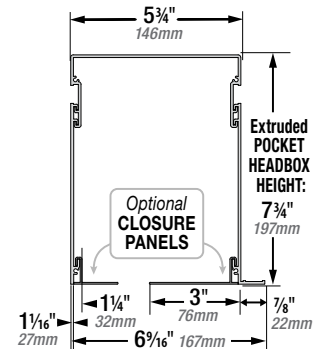
ITEM	
Cut to length, Assembled	(Standard size only) Priced by ft
Cut to length, Unassembled	Priced by ft
Full length, Uncut, Assembled	Priced by ft
Full length, Uncut, Unassembled	Priced by ft

NOTE: The Dual Roller Extruded Alum Headbox is only available in Standard Size. Closure must be purchased separately. See below.

DUAL ROLLER POCKET HEADBOX EXTRUSIONS

PART NO.	ITEM	
C177.266	Dual Roller Pocket - Top Section	Priced by ft
C177.267	Dual Roller Pocket - Side Section with Tile Lip	Priced by ft
C177.268	Dual Roller Pocket - Side Section without Tile Lip	Priced by ft
C014.118	Quarter Turn Clips - 12 count per bag	Priced by Bag
C126.403.30	Dual Roller Pocket - Endcap without Tile Lip	Priced by Piece
C126.404.30	Dual Roller Pocket - Endcap with LEFT Tile Lip	Priced by Piece
C126.405.30	Dual Roller Pocket - Endcap with RIGHT Tile Lip	Priced by Piece
C126.406.30	Dual Roller Pocket - Full Tile Lip	Priced by Piece
C126.407.30	Dual Roller Pocket - Flush Tile Support	Priced by Piece

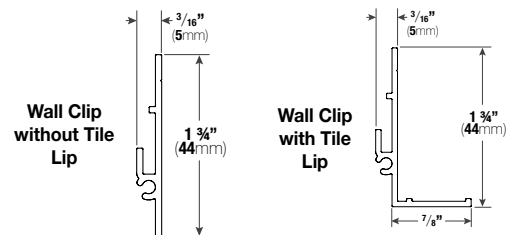
Dual Roller Pocket Headbox (Profile)



WALL CLIPS

WALL CLIP

PART NO.	ITEM	
C014.066.30	Wall Clip with ceiling tile lip - 12' 3" length	Priced by Piece or Cut to Size
C014.065.30	Wall Clip without ceiling tile lip - 12' 3" length	Priced by Piece or Cut to Size

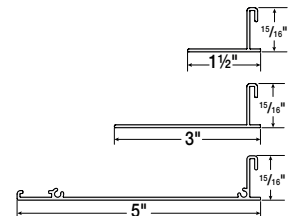


CLOSURES FOR TYPE D POCKETS OR WALL CLIP

1 1/2" closure recommended for use with clutch operated FlexShade. Larger closure panels will require field notching for chain clearance.

W C CLOSURE

PART NO.	ITEM	
C044.209.30	1 1/2" Closure Panel – 12' 3" length	Priced by Piece or Cut to Size
C044.210.30	3" Closure Panel – 12' 3" length	Priced by Piece or Cut to Size
C044.211.30	5" Closure Panel – 12' 3" length	Priced by Piece or Cut to Size



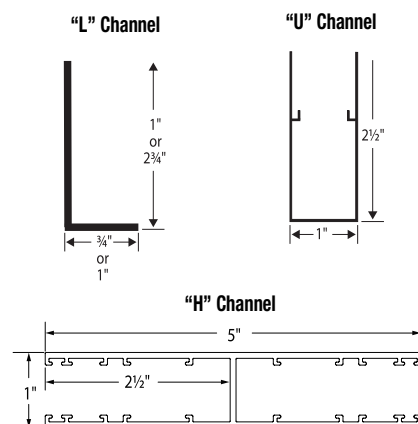
FLEXSHADE® EXTRUSIONS AND ACCESSORIES

NOTE: Not all accessories are compatible. All extrusions on this page available in all standard textured finishes.

"U" CHANNEL, "H" CHANNEL, OR "L" ANGLE

Available in: Black, Bronze, White, Ivory, and Clear. Please specify color.

PART NO.	ITEM	DOL CODE
C090.055	"U" Channel 1" x 2 1/2" x 16' 3" length	Priced by Piece or Cut to Size U CHANNEL
C090.041	"H" Channel 1" x 5" x 16' 3" length	Priced by Piece or Cut to Size H CHANNEL
C104.029	"L" Angle 3/4" x 1" x 12' 3" length	Priced by Piece or Cut to Size L ANGLE
C104.030	"L" Angle 1" x 2 3/4" x 16' 3" length	Priced by Piece or Cut to Size L ANGLE
C011.122	Spacer for Dual Roller FlexShade to be used with "U" Channels. Minimum 1 spacer per channel on NEXD. Minimum 2 spacers on FlexShade CL. Please specify color.	Priced by Piece



VINYL "L" ANGLES

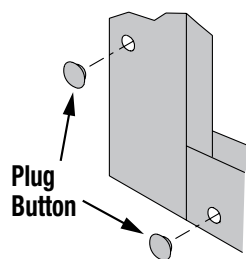
1 1/2" x 3/4" x 8'. Reduces light gap on inside mount shades. Double sided tape included for easy installation.

PART NO.	ITEM	
C104.171.32	Silver (Matches Clear hardware)	Priced by Piece
C104.171.116	Black	Priced by Piece
C104.171.117	Bronze	Priced by Piece
C104.171.120	Ivory	Priced by Piece
C104.171.121	White	Priced by Piece



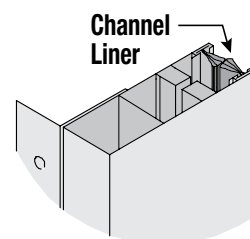
3/8" PLUG BUTTONS FOR CHANNELS

PART NO.	ITEM	
C079.008	Ivory	Priced by Piece
C079.009	Grey	Priced by Piece
C079.010	Brown	Priced by Piece
C079.011	Black	Priced by Piece
C079.012	White	Priced by Piece



CHANNELS LINERS (2 PER CHANNEL)

PART NO.	ITEM	
C037.002	.140" Height	Priced by Piece
C037.003	.310" Height	Priced by Piece
C037.004	.450" Height	Priced by Piece
C037.015	1" Height	Priced by Piece



"U" CHANNEL CAPS

PART NO.	ITEM	
C151.061.32	Silver (Matches Clear hardware)	Priced by Piece
C151.061.21	White	Priced by Piece
C151.061.20	Ivory	Priced by Piece
C151.061.17	Bronze	Priced by Piece
C151.061.16	Black	Priced by Piece

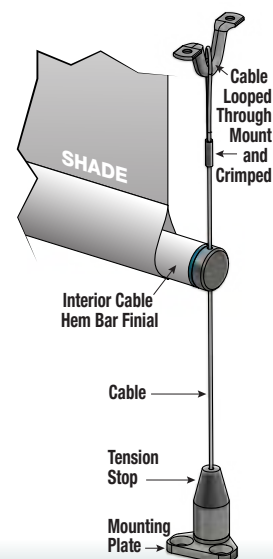


INTERIOR CABLE GUIDE ASSEMBLY KIT

Interior Cable Guide Kit includes slat, slat weight, slat endcaps, and cable guide kit. Can be ordered through the line for use with the following products - Clutch FlexShade®, Clutch FlexShade NEXD, Motorized FlexShade, FlexShade 2, and Coupled FlexShade. Kit includes all options for wall mount, deck mount (shown), brackets only, and fascia mounting.

NOTE: For best aesthetics and operation on a sloped façade, the size of the shade should not exceed 10' wide x 8' high, and the angle should be 5 degrees or under.

PART NO.	ITEM
C041.100	Complete Cable Guide Assembly Kit: Includes 50' of cable.
C107.120	Cable Only



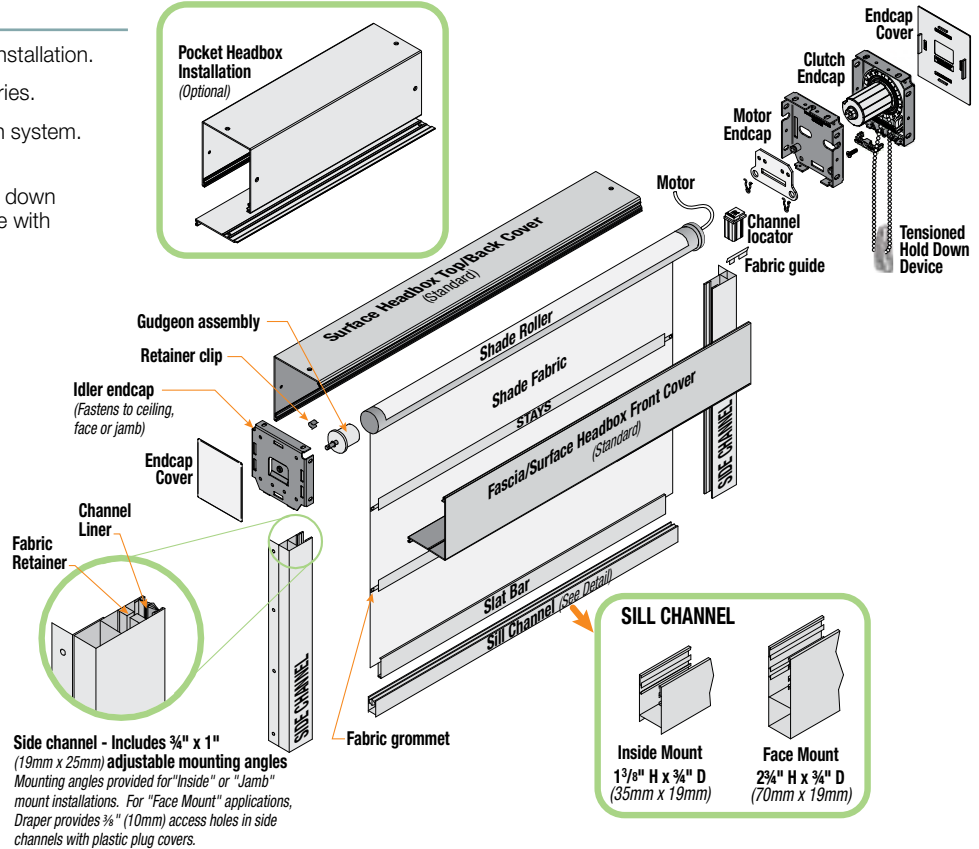
Inside Mount Style shown. Details will differ for face-mounted units.
Available in Motorized, Clutch, or Crank Operation

STANDARDS

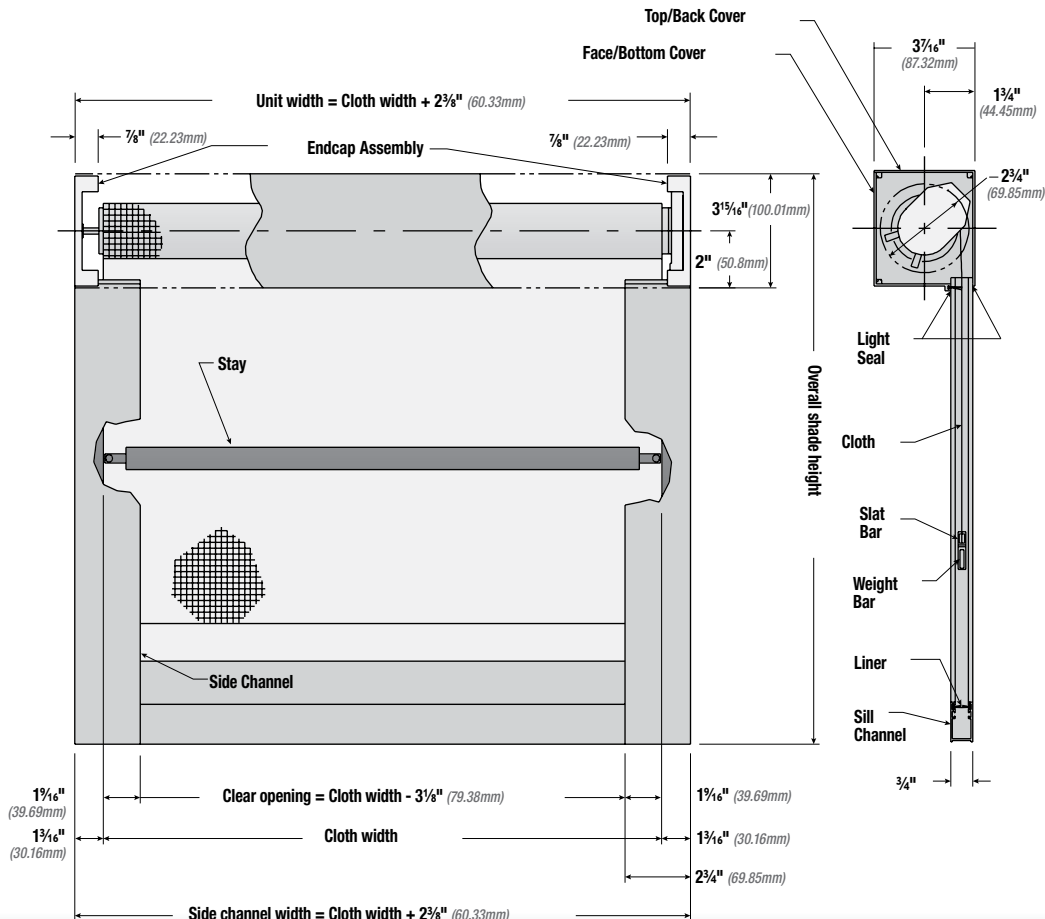
- Headbox styles are available for ceiling or wall installation.
- Standard fabric is Draper® opaque SunBloc Series.
- Only SB900 and SB9100 have a fabric retention system. For more information, contact Draper.
- Clutch operated shades include Tensioned hold down device with warning label standard in compliance with ANSI/WCMA A100.1-2022. Incorrect installation partially disables the product.

OPTIONS

- Powder coated textured finish options: Ivory, Charcoal Bronze, White, Black, or Clear Anodized.



Dimensions

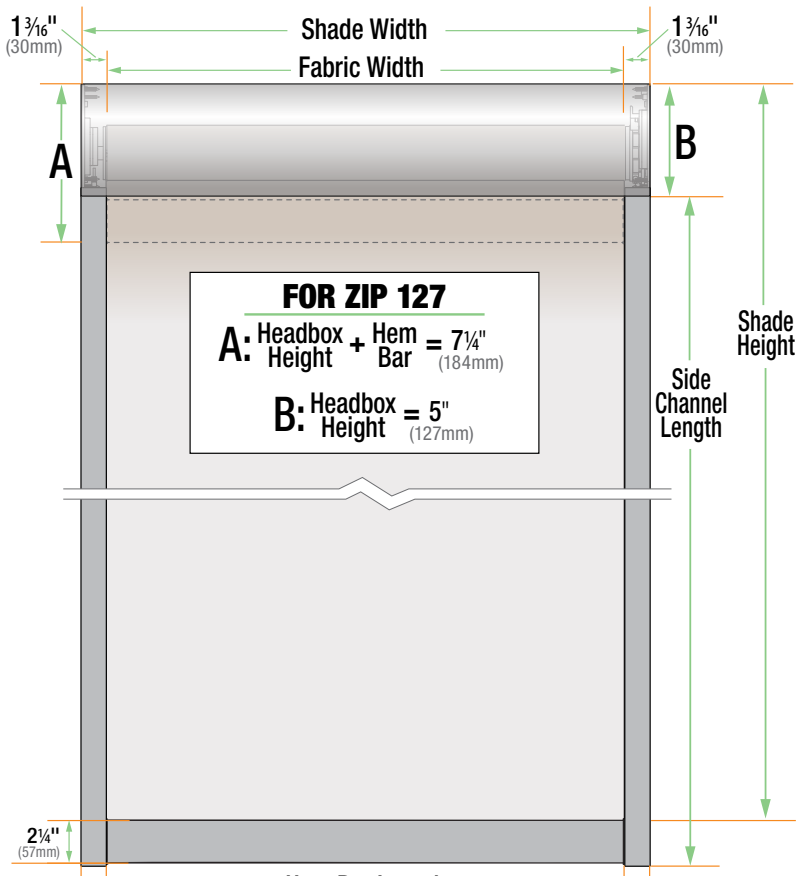




The LightBloc ZIP is a motorized system with headbox, side, and sill channels. LightBloc ZIP incorporates the Draper® LightBloc headbox design. This LightBloc headbox features 1 3/4" wide side channels (1" smaller than Motorized or Manual LightBloc) which incorporate a zipper detail that is welded to the vertical sides of the fabric. This "ZIP" detail prevents the fabric from coming out of the side channels. Side channels can be face or jamb mounted. Bottom sill channel is 3/4" "L" angle.

Dimensions

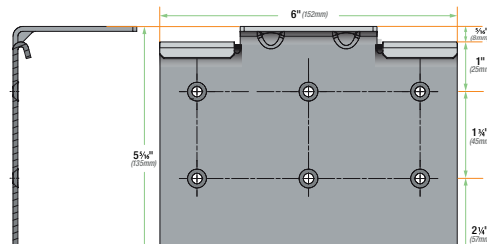
- Two headbox sizes available: 92 mm (3.6") & 127 mm (5").
- Side Guides can be jamb mounted or face mounted.
- Prevents light penetration at the sides of the system and can be used as a Privacy system for interior applications.
- Side guide channel width = 1 3/4" (44.45 mm) (1" smaller than Motorized or Manual LightBloc).



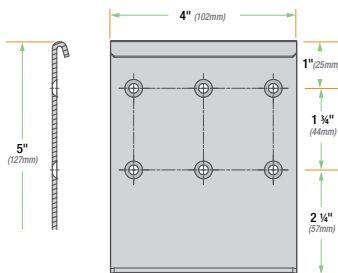
Mounting Bracket Dimensions

Mounting Brackets

Ceiling Bracket (ZIP 92 Only)



Wall Bracket



LightBloc ZIP™ 92 Available Sizes:

HEIGHT	WIDTH			
	4' (122cm)	5' (152cm)	6' (183cm)	7' (213cm)
4' (122cm)				
5' (152cm)				
6' (183cm)				
7' (213cm)				

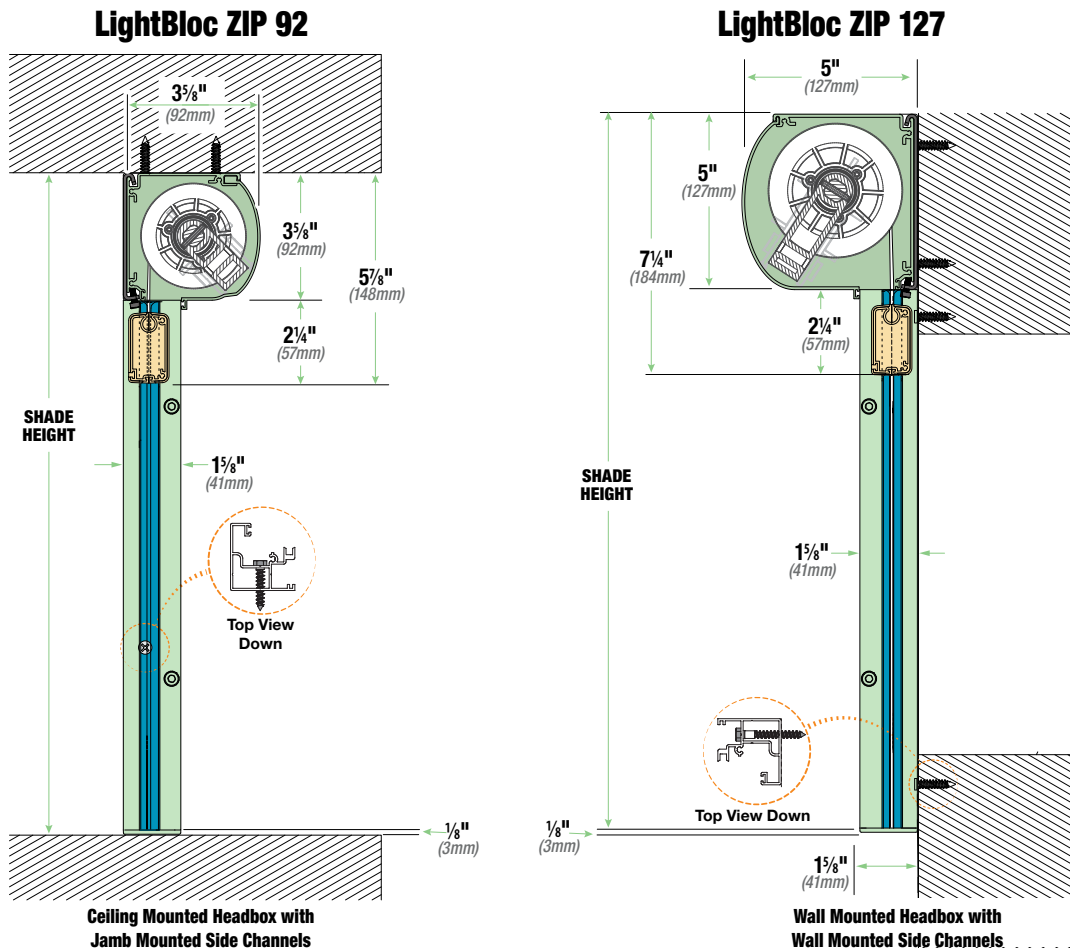
LightBloc ZIP™ 127 Available Sizes:

HEIGHT	WIDTH															
	4' (122cm)	5' (152cm)	6' (183cm)	7' (213cm)	8' (244cm)	9' (274cm)	10' (305cm)	11' (335cm)	12' (366cm)	13' (396cm)	14' (427cm)	15' (457cm)	16' (488cm)			
2' (61cm)																
3' (91cm)																
4' (122cm)																
5' (152cm)																
6' (183cm)																
7' (213cm)																
8' (244cm)																
9' (274cm)																
10' (305cm)																
11' (335cm)																
12' (366cm)																
13' (396cm)																
14' (427cm)																
15' (457cm)																
16' (488cm)																

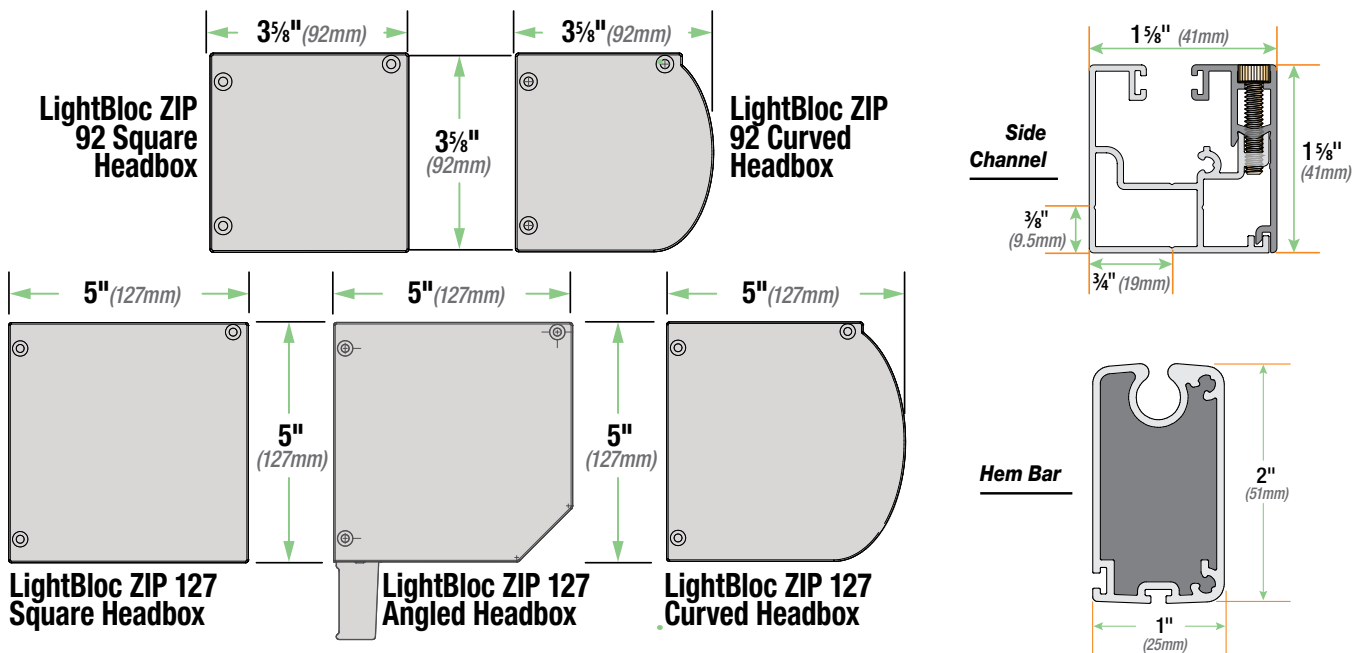
SHIPPING NOTE: LightBloc ZIP Shades less than 7' wide are carton packed for shipment. Sizes from 7'-12' are shipped with corner guards. Sizes 12' and greater are skidded for shipment. Large sizes require special handling consideration. Additional crating fee will apply. Call for details.

LIGHTBLOC ZIP - MOTORIZED AND CRANK - CONTINUED

Assembled Dimensions: Side View



Component Dimensions



SPECIALTY FABRIC SHADE

Panel Track units consist of a headrail and sliding fabric panels. Panels glide smoothly into place through the use of an operating wand. Panel Track is well suited to cover large windows, sliding doors or even as a room divider. Fabric panels attach to sliding headrail hook bars using hook and loop fasteners and may be easily replaced or changed for a different look.

- Minimum total track width is 48"
- Maximum total track width is 144"
- Minimum single panel width is 10"
- Maximum single panel width is 74"
- Add 1" for endcaps on inside mount headrail measurements.
- Fabric width equals total width of headrail plus 2" for each overlap (front panel on split draw configurations creates two overlaps). Fascia is 3" wider than headrail.
- CHILD SAFETY NOTICE: This product complies with ANSI/WCMA A100.1-2022-Child Safety Standard.

NOTE: For multiple panels replace * with the number of panels.

OPTIONS

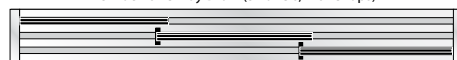
- White aluminum operating wand available in 36", 48", or 60" lengths.
- Optional front curved fascia panel available in powder coated textured finish options: Ivory, Charcoal Bronze, White, Black, or Clear Anodized.
- White headrail available with 2 to 5 tracks.
- 1-way or split draw operation (see below for configuration options).
- Stacked panels on left side (as you're facing from inside) is standard. Stacked right is an option that must be requested at time of order.
- Available with 2 to 8 fabric panels.
- May be used with or without optional fascia or may be layered with other window coverings.

CONFIGURATION OPTIONS:

2 Track One Way Draw (2 Panels, 1 Overlap)



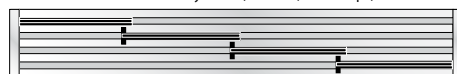
3 Track One Way Draw (3 Panels, 2 Overlaps)



3 Track Split Draw (4 Panels, 3 Overlaps)



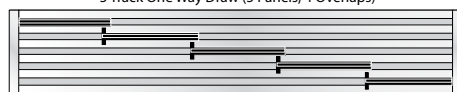
4 Track One Way Draw (4 Panels, 3 Overlaps)



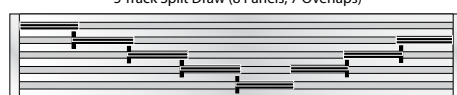
4 Track Split Draw (6 Panels, 5 Overlaps)



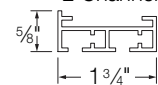
5 Track One Way Draw (5 Panels, 4 Overlaps)



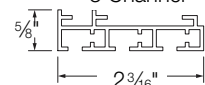
5 Track Split Draw (8 Panels, 7 Overlaps)



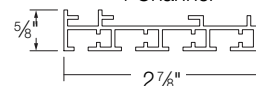
2 Channel



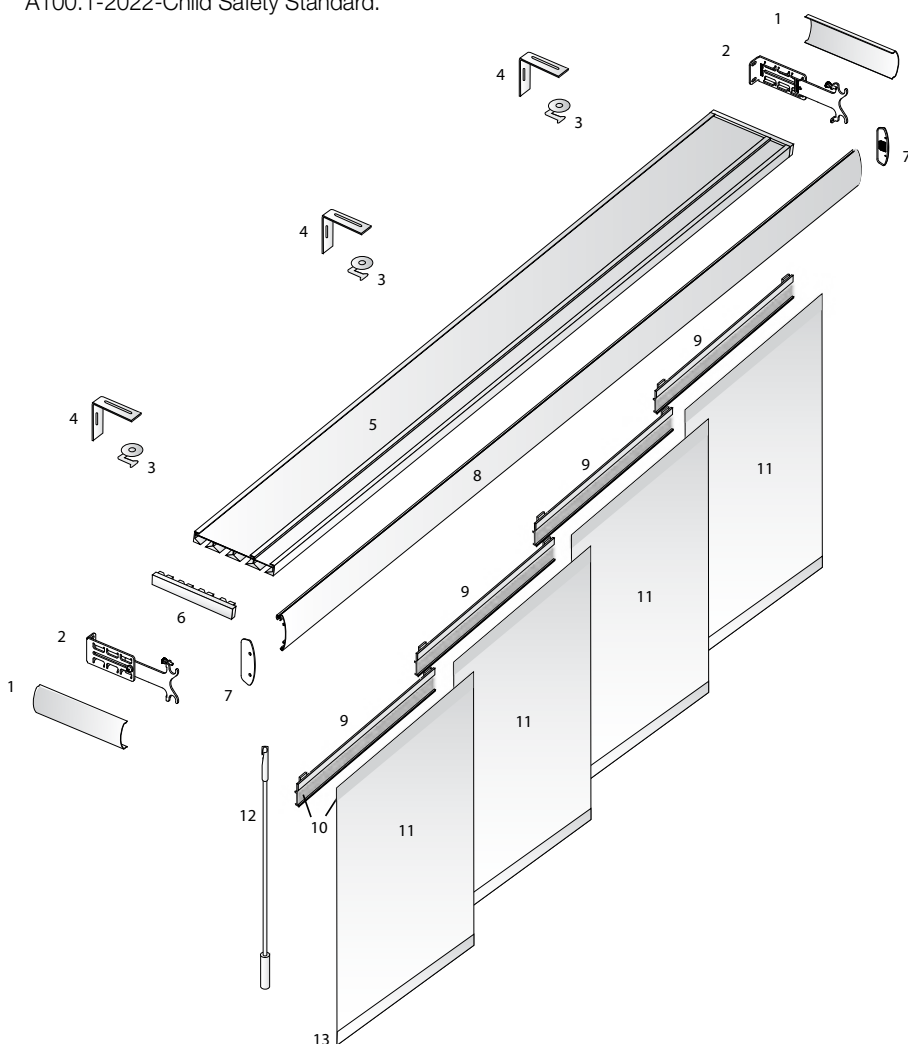
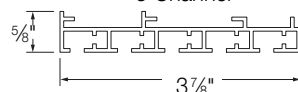
3 Channel



4 Channel



5 Channel



COMPONENTS:

- | | |
|--|--------------------------------------|
| 1. Side Bracket Cover | 7. Fascia Endcap |
| 2. Adjustable Fascia Side Bracket | 8. Curved Front Fascia Panel |
| 3. Top Fix Turnbuckle Bracket | 9. Headrail Hook Bar |
| 4. Face Fix Bracket | 10. Hook and Loop Attachment Strips |
| 5. Headrail (2, 3, 4, & 5 track options available) | 11. Shade Fabric Panel |
| 6. Headrail Endcap | 12. Aluminum Control Wand (standard) |
| | 13. Bottom Hem/Slat Bar |

FlexShade® Panels are fixed frames designed for sunlight filtration. Well-suited for skylights and sloped glazing in solariums or odd-shaped openings. Custom FlexShade Panels can be fabricated to suit your application. Please call Draper® for details.

STANDARDS

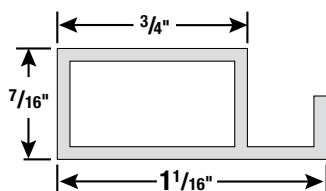
- A heavy duty extruded aluminum frame.
- A mesh fabric permanently attached to the frame.
- Up to 8 mounting clips.
- Cross brace, when necessary. Panels over 40" in length or width will have a centered cross brace to prevent bowing. Crossbraces are permanently attached to perimeter frame (standard) but may be specified removable for permanent installations where the panel will be held securely with permanent attachments.
- Minimum width is 6".
- Corners other than 90° are welded.

PART NO.	ITEM	
C090.014.17	Bronze "Keeper" track, cut to size	Priced per Ft
C090.014.32	Clear "Keeper" track, cut to size	Priced per Ft
C090.014.21	White "Keeper" track, cut to size	Priced per Ft
C014.024	Interior Mounting Clip - Aluminum	Priced per Piece
C014.016	Exterior Mounting Clip - White	Priced per Piece
C014.015	Exterior Mounting Clip - Grey	Priced per Piece
C014.079	Exterior Mounting Clip - Black	Priced per Piece

OPTIONS

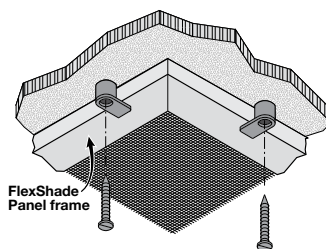
- Extruded aluminum frame. Color choices are: Dark Bronze, White, Black, and Clear Anodized.
- Up to 8 mounting clips with aluminum finish are included.
- Gabled, triangular, and parallelogram. **Additional cost per panel.**
- For 5-sided panels. **Additional cost per panel.**
- Curved/Arched panels available in limited sizes. Uses 1"x1" aluminum tube (C073.073). Please contact Draper for sizes. **Additional cost for arched, curved, or circular panels.**
- Crating required for every six panels on an order, or panels exceeding 60" on any side. **Additional cost per crate.**
- "Keeper" track available in White, Bronze, or Clear Anodized extruded aluminum, for easy removal of panels. Order in full pieces or customer cut to length.

FlexShade Panel Frame Cross-Section



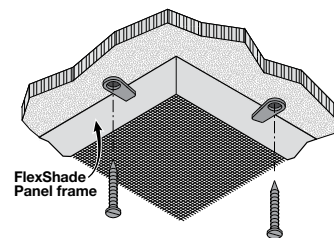
Optional Face Mounting

(Shown with welded corner - non 90°)



Standard Inside Mounting

(Shown with non-welded corner - 90°)

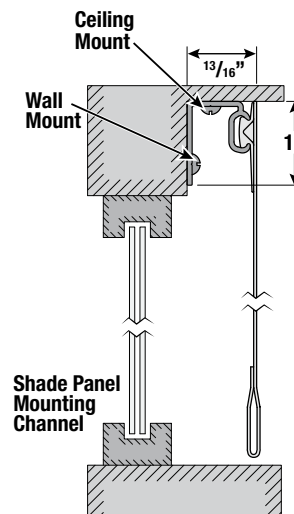


FREE HANGING SHADE PANEL

SPLINE FABRIC ATTACHMENT

Shade fabric attached to channel with spline to create a free hanging fixed shade that comes in a mill finish.

PART NO.	ITEM		DOL CODE
C014.067.00	Mounting Channel for Free Hanging Shade Panel (White) – 12' 3" length	Priced by Piece or Cut to Size	SHADE SPLINE PN





Unlike traditional shades, the Draper® Bottom-Up FlexShade® provides privacy without eliminating natural daylight. Draper® Bottom-Up FlexShade utilizes natural daylighting to its fullest extent, while protecting work surfaces near the windows from harsh glare and excess heat. The shade rises from a roller at the bottom of the unit. It blocks the sun's rays at the bottom of the window, while allowing daylight to pass comfortably above people and objects adjacent to the window.

By reducing glare and heat, the Bottom-Up FlexShade promotes a comfortable work or living environment. The draw cables that lift the shade fabric are under even and constant tension, allowing for easy operation. This lifts the shade fabric evenly and securely.

STANDARDS

- Metal tube, with tubular gearmotor – **right side motor standard**; left side available (as seen from inside the room, facing the window).
- Hem bar is machine extruded aluminum, finished to match fascia.
- Lifting Cable is 7 x 19 strand low-stretch high fatigue nylon-coated cable approximately 0.046" OD.

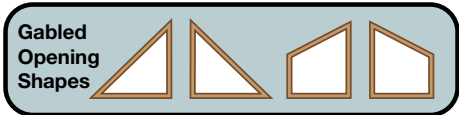
OPTIONS

- Choice of brackets for inside, outside or ceiling mounting (square fascia or headbox with endcaps available in place of brackets in two sizes).
- Powder coated textured finish options: Ivory, Charcoal Bronze, White, Black, or Clear Anodized.
- Reverse roll available upon request.
- Motors, Controls, and Accessories beginning on page 23.

GABLED BOTTOM-UP FLEXSHADE

- A Gabled Bottom-Up Flexshade using a flexible hembar is available for angled openings at an additional cost per shade. Note:

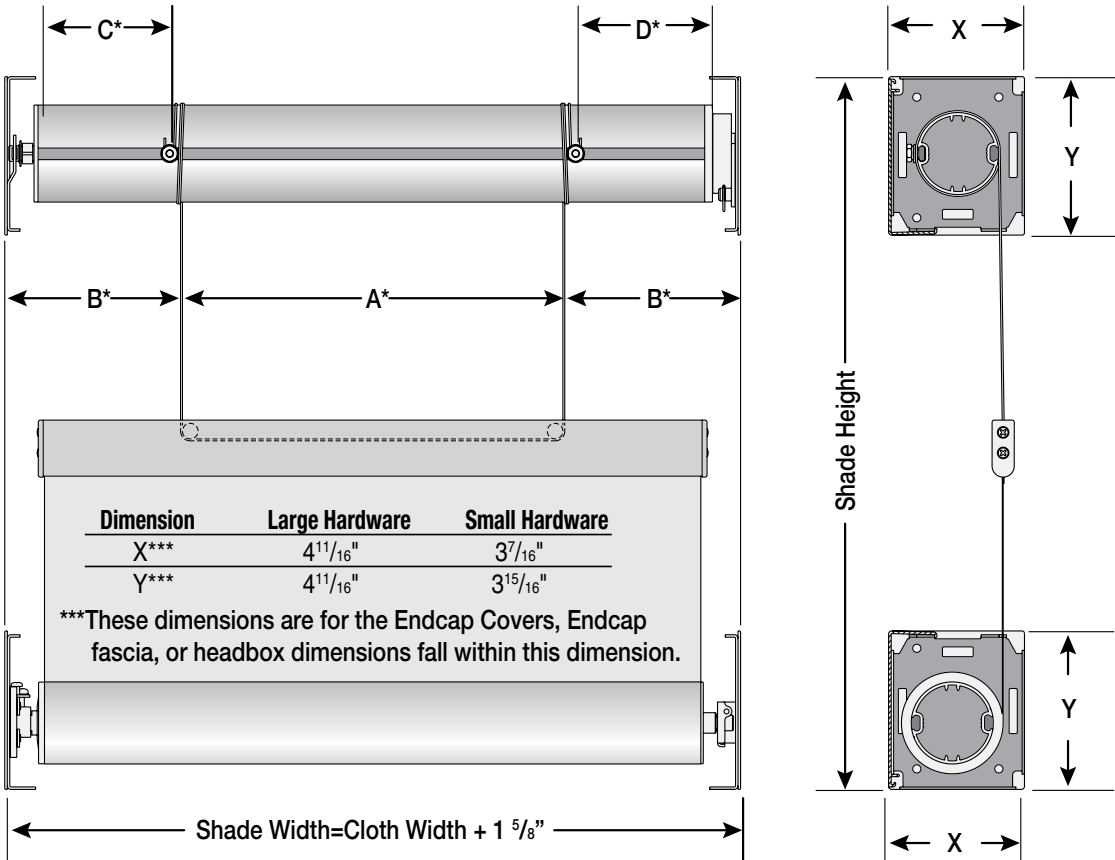
ONLY AVAILABLE IN
LARGE HARDWARE
CALL FOR DETAILS



For planning sheet for Gabled Bottom Up Shades please follow the link below.

https://www.draperinc.com/?S=GabledBU_Plan

Dimensions



*These dimensions are different for each shade and are provided by Draper with your order.
Dimension "A" is a vertical cable spacing.
Dimension "B" is the distance from the vertical cable spacing to the vertical edge of the shade.
Dimension "C" is the distance from the Idler-End of the tube to the center of the cable attachment stud.
Dimension "D" is the distance from the Operator-End of the tube the center of the cable attachment stud.

Unlike traditional Shades, the Draper® Bottom-Up FlexShade® provides privacy without eliminating natural daylight. Draper® Bottom-Up FlexShade utilizes natural daylighting to its fullest extent, while protecting work surfaces near the windows from harsh glare and excess heat. The shade rises from a roller at the bottom of the unit. It blocks the sun's rays at the bottom of the window, while allowing daylight to pass comfortably above people and objects adjacent to the window. By reducing glare and heat, the Bottom-Up FlexShade promotes a comfortable work or living environment.

The draw cables that lift the shade fabric are under even and constant tension, allowing for easy operation. This lifts the shade fabric evenly and securely.

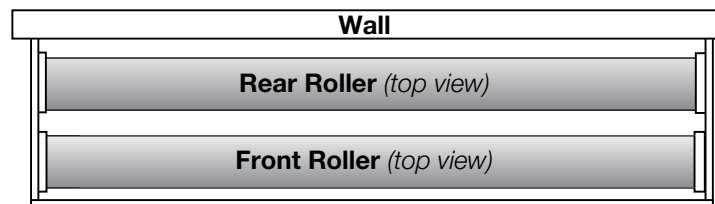
Dual roller configuration means that both the motorized and take-up rollers are located at the bottom of the window opening. The shade fabric is guided by small pulleys at the top of the window. The dual roller configuration is available with endcaps or fascia.

STANDARDS

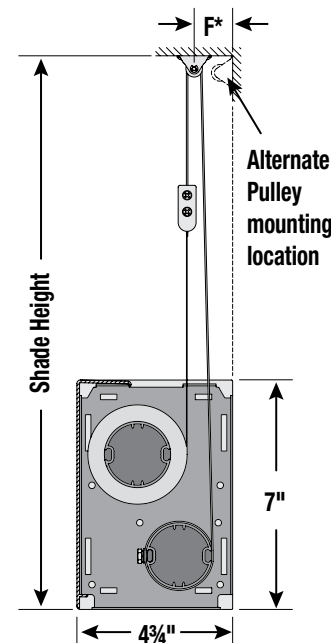
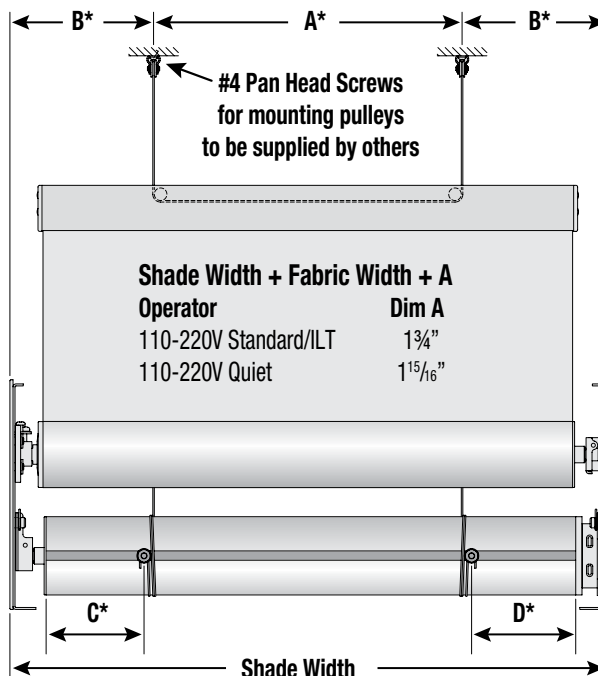
- Metal tube, with tubular gearmotor – **right side motor standard**; left side available (as seen from inside the room, facing the window).
- Hem bar is machine extruded aluminum, finished to match fascia.
- Lifting Cable is 7 x 19 strand low-stretch high fatigue nylon-coated cable approximately 0.046" OD.

OPTIONS

- Dual fascia endcaps are standard. Call for details.
- Powder coated textured finish options: Ivory, Charcoal Bronze, White, Black, or Clear Anodized.
- Motors, Controls, and Accessories beginning on page 23.



Dimensions



*These dimensions are different for each shade and are provided by Draper with your order.

Dimension "A" is a vertical cable spacing.

Dimension "B" is the distance from the vertical cable spacing to the vertical edge of the shade.

Dimension "C" is the distance from the Idler-End of the tube to the center of the cable attachment stud.

Dimension "D" is the distance from the Operator-End of the tube the center of the cable attachment stud.

Dimension "F" is the distance from the wall/jamb to the tube the center of the cable pulley.

Unlike traditional shades, the Draper® Bottom-Up FlexShade® provides privacy without eliminating natural daylight. The Bottom-Up FlexShade utilizes natural daylighting to its fullest extent, while protecting work surfaces near the windows from harsh glare and excess heat. The shade rises from a roller at the bottom of the unit. It blocks the sun's rays at the bottom of the window, while allowing daylight to pass comfortably above people and objects adjacent to windows.

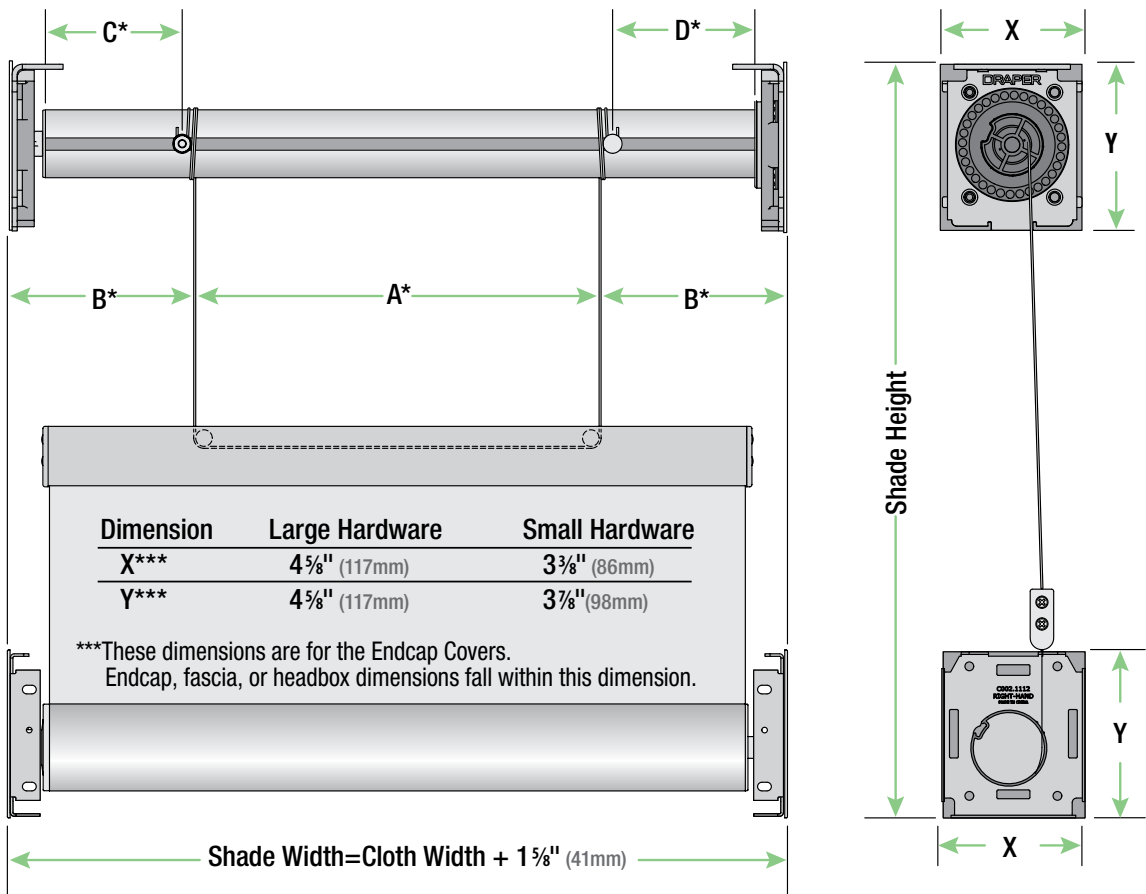
STANDARDS

- Heavy-Duty Clutch design
- Metal tube, with bead chain clutch operator on right side (standard) as seen from facing the window inside the room. Left side operator available.
- Tensioned hold down device with warning label standard in compliance with ANSI/WCMA A100.1-2022. Incorrect installation partially disables the product.
- Spline attachment is standard. For a deduction, attachment to roller by adhesive is available upon request.
- Hem bar is machine extruded aluminum, finished to match fascia.
- Lifting cable is 7 x 19 strand low-stretch high fatigue nylon-coated cable approximately 0.046" OD.

OPTIONS

- Endcaps for inside, outside, or ceiling mounting standard (square fascia or headbox with endcaps also available in 2 sizes). – Call for details.
- Powder coated textured finish options: Ivory, Charcoal Bronze, White, Black, or Clear Anodized.

Dimensions



*These dimensions are different for each shade and are provided by Draper with your order.
Dimension "A" is a vertical cable spacing.
Dimension "B" is the distance from the vertical cable spacing to the vertical edge of the shade.
Dimension "C" is the distance from the Idler-End of the tube to the center of the cable attachment stud.
Dimension "D" is the distance from the Operator-End of the tube the center of the cable attachment stud.

The system includes a Motorized FlexShade® complete with two aluminum roller boxes, side support flanges, and fabric support system.

Operating Mechanism

- The tubular motor is mounted on the right hand side (standard). Left side is also available.

Controls

- Motor and control options begin on page 23.

Hardware

- Headbox styles are available for jamb or face installation. Powder coated textured finish options: Ivory, Charcoal Bronze, White, Black, or Clear Anodized. For more details, contact Draper®.

Large Sizes

- Due to the force of gravity, Skylight FlexShade is available to a maximum unsupported width of 36". Larger units require one or more support cables, up to a maximum of 6' wide x 8' long. Cables are $\frac{3}{16}$ " diameter vinyl clad aircraft cable. Draper will automatically provide, depending on overall size. Cables can be seen from inside room.

SKYLIGHT FLEXSHADE® – MANUAL

STANDARDS

The system includes a Crank FlexShade® complete with two aluminum roller boxes, side support flanges, and fabric support system.

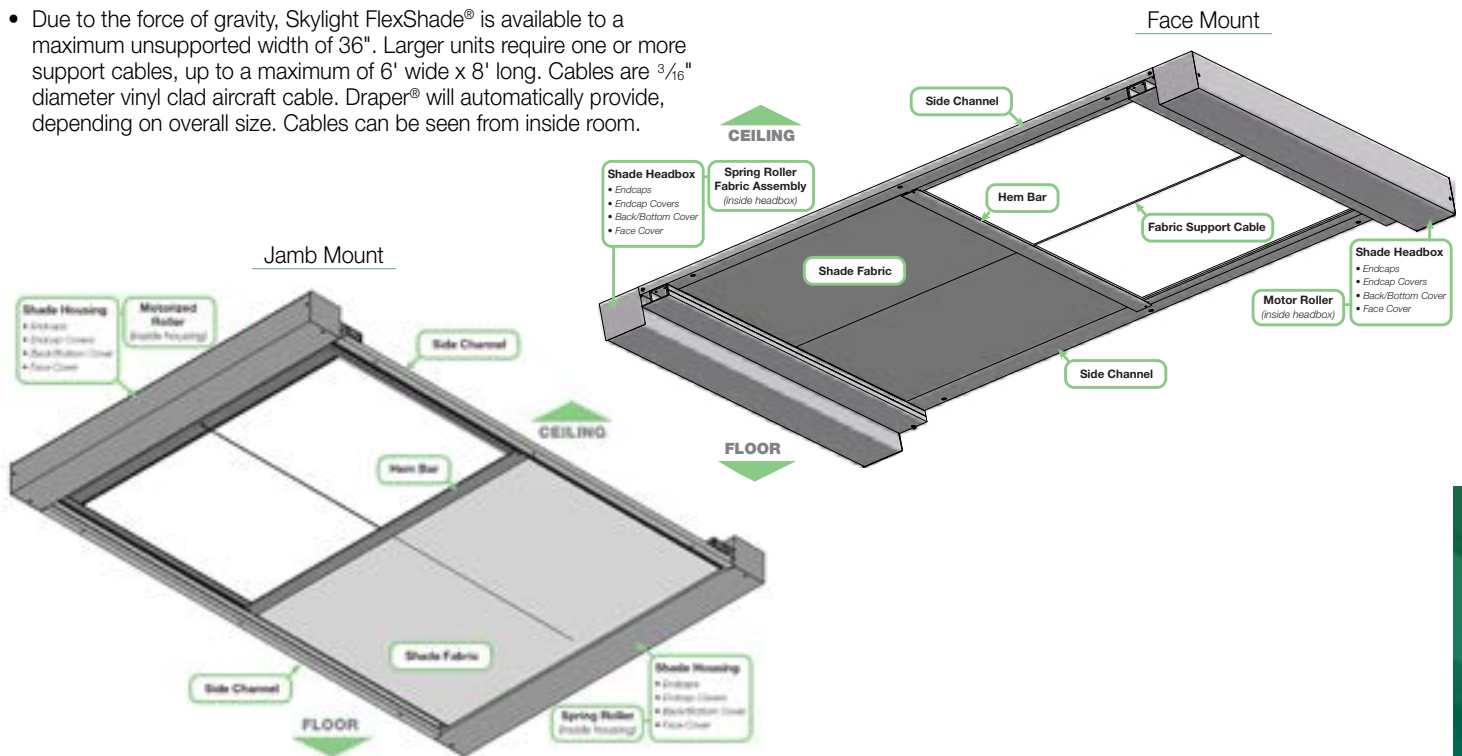
- Please specify crank length: standard 6'

Large Sizes

- Due to the force of gravity, Skylight FlexShade® is available to a maximum unsupported width of 36". Larger units require one or more support cables, up to a maximum of 6' wide x 8' long. Cables are $\frac{3}{16}$ " diameter vinyl clad aircraft cable. Draper® will automatically provide, depending on overall size. Cables can be seen from inside room.

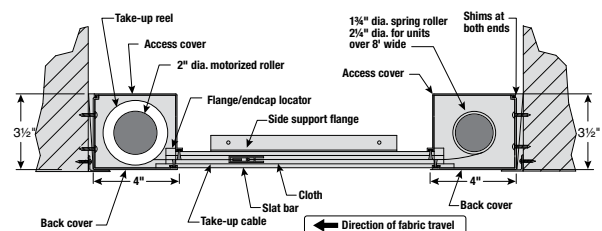
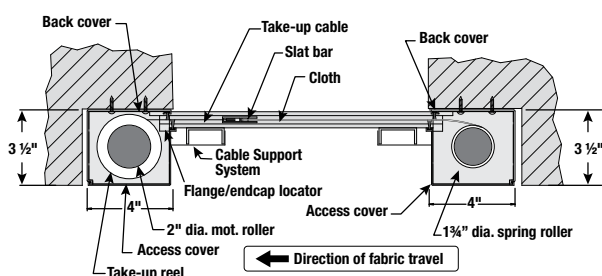
OPTIONS

- Choice of fabric and detachable crank/gearbox operating mechanism.
- Headbox styles are available for face or jamb installation
- Powder coated textured finish options: Ivory, Charcoal Bronze, White, Black, or Clear Anodized.



Dimensions & Installation:

Recess all components into the skylight opening for jamb mount (below right). With face mount installation (at left), separate header bars must be attached at both ends to house the support cable system. With face installation, fabric stay pockets are visible from inside the room on all sizes of Skylight FlexShade®. Dimensions shown are for a Skylight FlexShade with small hardware. Some fabrics and sizes may require large hardware. Contact Draper® for more information.



The Draper® Skylight 2 FlexShade® is designed specifically for applications where a very large Skylight shade is needed.

Skylight 2 is simple and elegant. A tubular gearmotor is mounted at one end of your Skylight 2 FlexShade, connected to the opposite end by steel fabric support cables. Fabric is driven by the motor and draw cables. The included Spring Assist cassette helps provide maximum tension.

Skylight 2 can be installed in several orientations: incline-up, incline-down, vertical-up, vertical-down, or horizontal (see illustrations below).

Fabric Attachment

- Fabric retainers slide into $\frac{3}{4}$ " pockets at each end of fabric, then fit into roller extrusion and hem bar. Fabric orientation shall always be from the top (back) of roller.

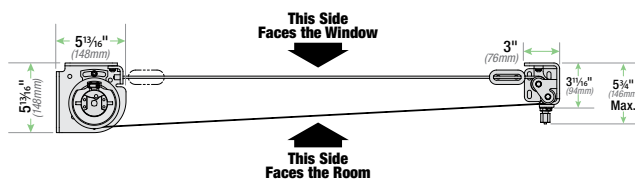
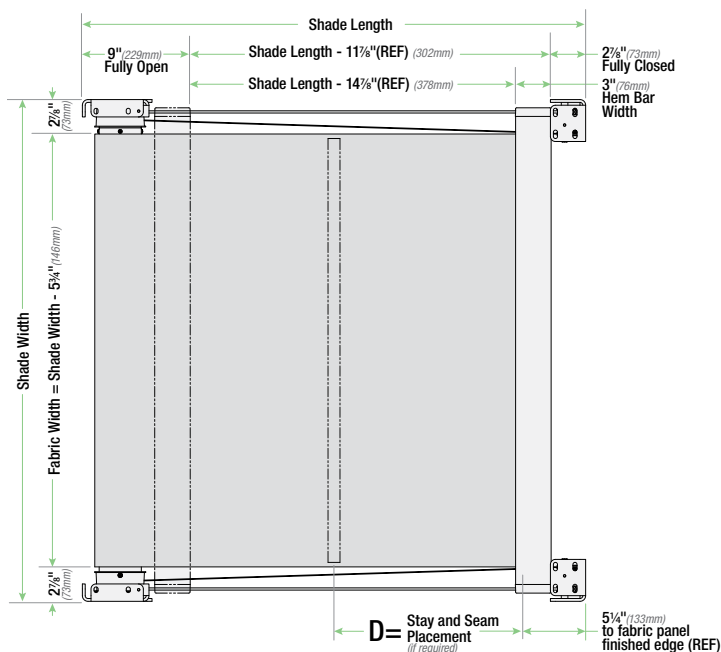
Hardware

- 5 $\frac{13}{16}$ " x 5 $\frac{13}{16}$ " fabric/roller endcaps come complete with motor adapter bracket. White powder coat finish. Draw Cable/Guide Cable brackets are provided with pulley assemblies. Hem Bar provides an attachment point for the shade fabric, with built-in pulley assemblies for routing of Draw Cable.
- Guide cables are $\frac{3}{16}$ " OD, 7 x 19 strand, galvanized, non-coated steel cable with $\frac{3}{16}$ " copper Nicopress® Stop. Draw Cables are $\frac{1}{16}$ " OD, 7 x 7 strand wire rope. Cables are low-stretch, high-fatigue, and nylon coated.
- Horizontal spring steel stays, .005" thick x 1" wide, are installed at regular intervals and covered. This system enables the shade to withstand reasonable air pressure differentials and gravity.

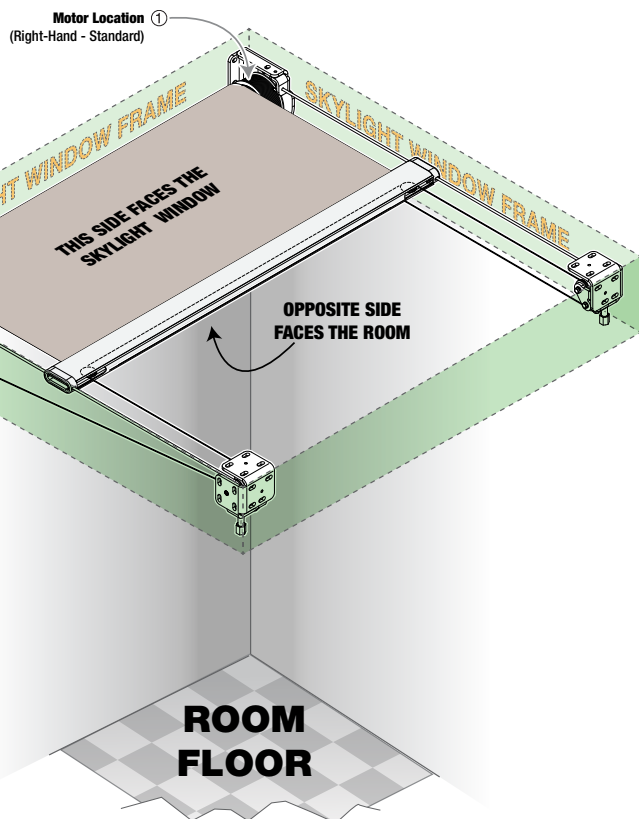
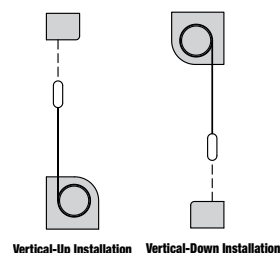
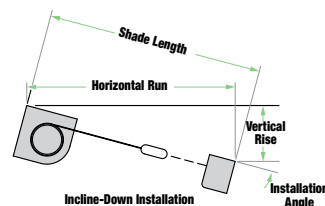
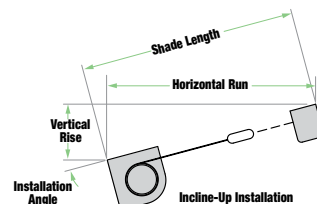
Conventional or RTS Motors available.

SHIPPING NOTE: Skylight 2 shades less than 7' wide are carton packed for shipment. Sizes from 7'-12' are shipped with corner guards. Sizes 12' and greater are skidded for shipment. Large sizes require special handling considerations. Additional crating fee will apply. Contact Draper for details.

Dimensions



Mounting Options



The FlexShade® ZIP system is similar to a standard roller shade but incorporates a 'ZIP' detail that is welded to the vertical sides of the fabric panel. ZIP edges of the fabric panel run inside inner channels in the side guide extrusions. These inner channels are held inside the side guide extrusion and have cushioning pads to dampen the movement of the fabric panel under wind load. The ZIP detail stops the fabric from being pulled out of the sides, making it extremely wind resistant.

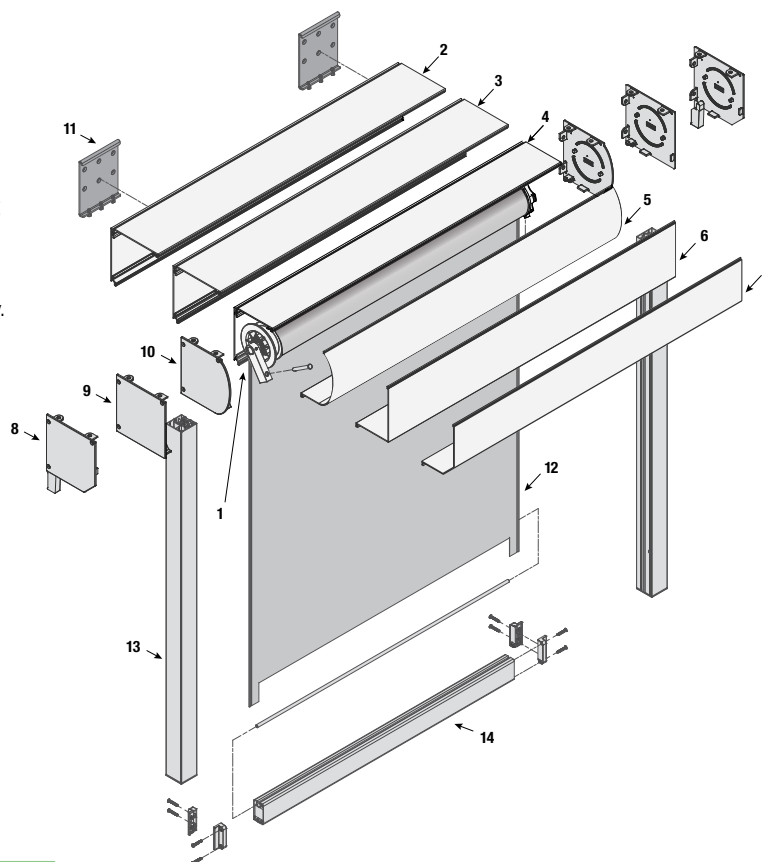
- 2 headbox sizes: 92 mm (3.6") & 127 mm (5") heights.
- 3 headbox designs: square (standard), curved, and angled (FlexShade ZIP 127 only).
- Side Guides can be jamb mounted (recommended for Inside Mount/Measure) or face mounted (recommended for Outside Mount/Measure).
- Prevents light penetration at the sides of the system and can be used as a Privacy system for interior applications.
- Can be used for both exterior and interior installations.
- Side guide channel width = 1 3/4" (44.45 mm) (significantly smaller than the width of the side guide for a standard Privacy system so it leaves a wider window opening).
- **NOTE: Consult Draper® before recessing crank handle units into an opening.**

FlexShade ZIP Shades are only offered as motorized and crank. Motorized ZIP Shades include a radio frequency obstacle detection motor. If a standard motor is preferred, please specify at time of order and a deduction will be made from price of shade.

Components:

Idler End Assembly with Spring Loaded Gudgeon – The idler end is the end of the shade where the roller spins freely (or "idles") in the Endcap/bracket.

1. Angled Headbox, Rear Section – FlexShade ZIP utilizes a durable and attractive headbox that contains and protects the shade and operator. Available for FlexShade ZIP 127 only.
 2. Square Headbox, Rear Section
 3. Curved Headbox, Rear Section
 4. Curved Headbox, Front Section
 5. Square Headbox, Front Section
- NOTE: Small Headbox available with Wall Mount Brackets ONLY.
Large Headbox available with both Wall or Ceiling Brackets.**
6. Angled Headbox, Front Section – Available for FlexShade ZIP 127 only.
 7. Angled Endcap & Endcap Cover – Available for FlexShade ZIP 127 only.
 8. Square Endcap & Endcap Cover
 9. Curved Endcap & Endcap Cover
 10. Bracket Assembly – Mounting point for shade.
 11. Optional Ceiling Brackets
 12. Shade Cloth and Roller
 13. Side Guide Channels
 14. Weighted Hem Bar – The bottom of the shade cloth contains a weighted bar to help stabilize the shade. This bar is guided during operation by side channel.



FlexShade® ZIP 92 Available Sizes:

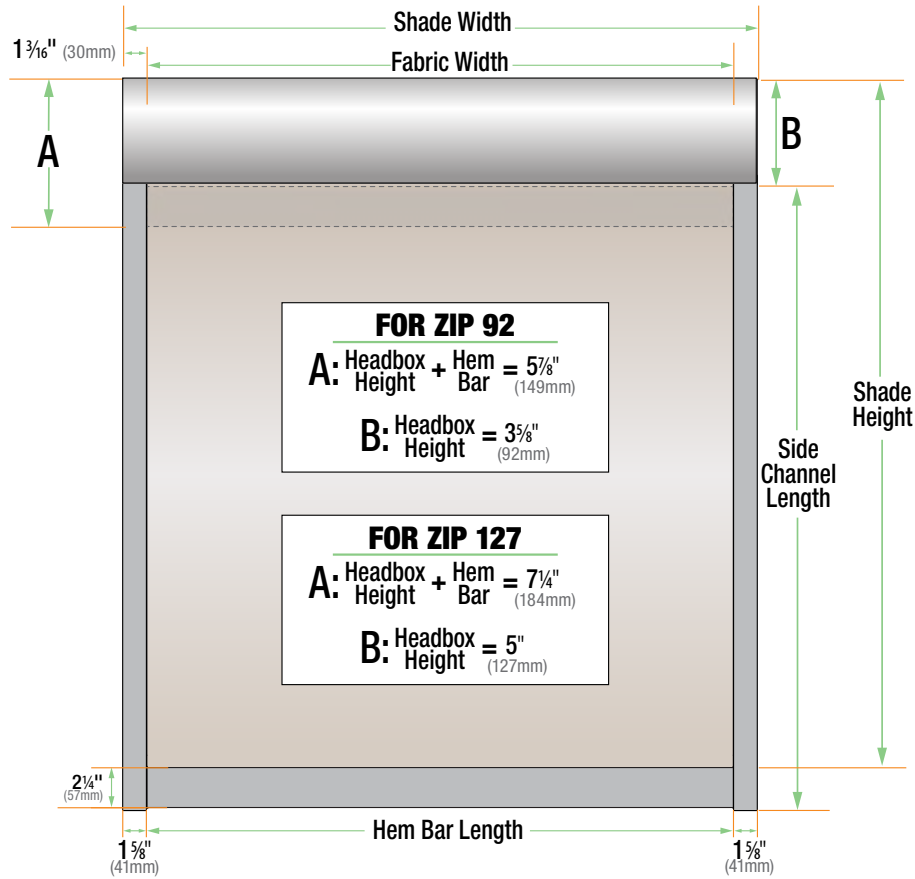
	WIDTH			
	4'	5'	6'	7'
HEIGHT	4'			
	5'			
	6'			
	7'			

FlexShade® ZIP 127 Available Sizes:

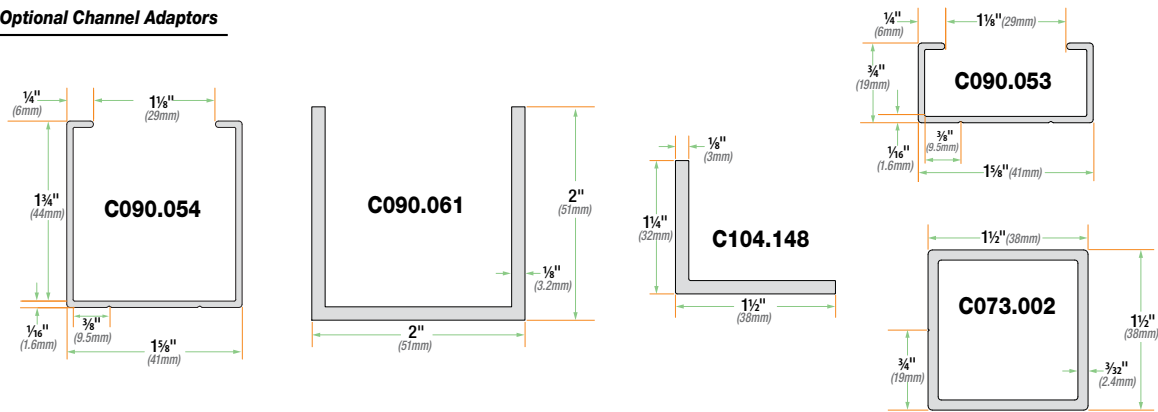
	WIDTH															
	4'	5'	6'	7'	8'	9'	10'	11'	12'	13'	14'	15'	16'			
HEIGHT	2'															
	3'															
	4'															
	5'															
	6'															
	7'															
	8'															
	9'															
	10'															
	11'															
	12'															
	13'															
	14'															
	15'															
	16'															

SHIPPING NOTE: FlexShade ZIP shades less than 7' wide are carton packed for shipment. Sizes from 7'-12' are shipped with corner guards. Sizes 12' and greater are skidded for shipment. Large sizes require special handling consideration. Additional crating fee will apply. Call for details. Side Channels are packaged separately and will be packed according to standard Draper procedures.

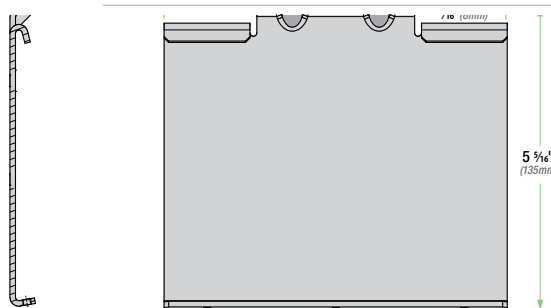
Dimensions



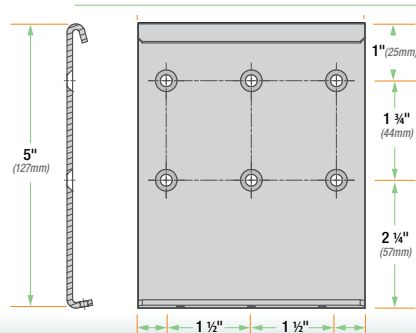
Optional Channel Adaptors



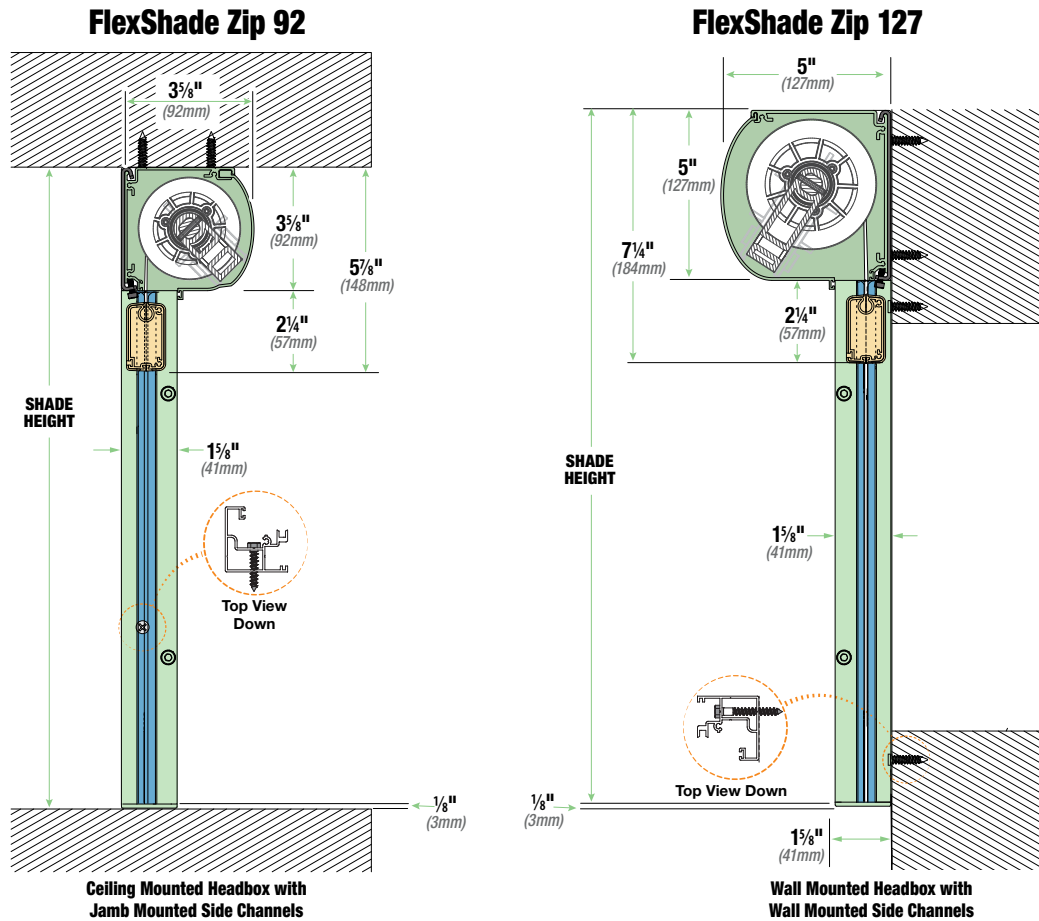
Ceiling Mounting Bracket (ZIP 127 only)



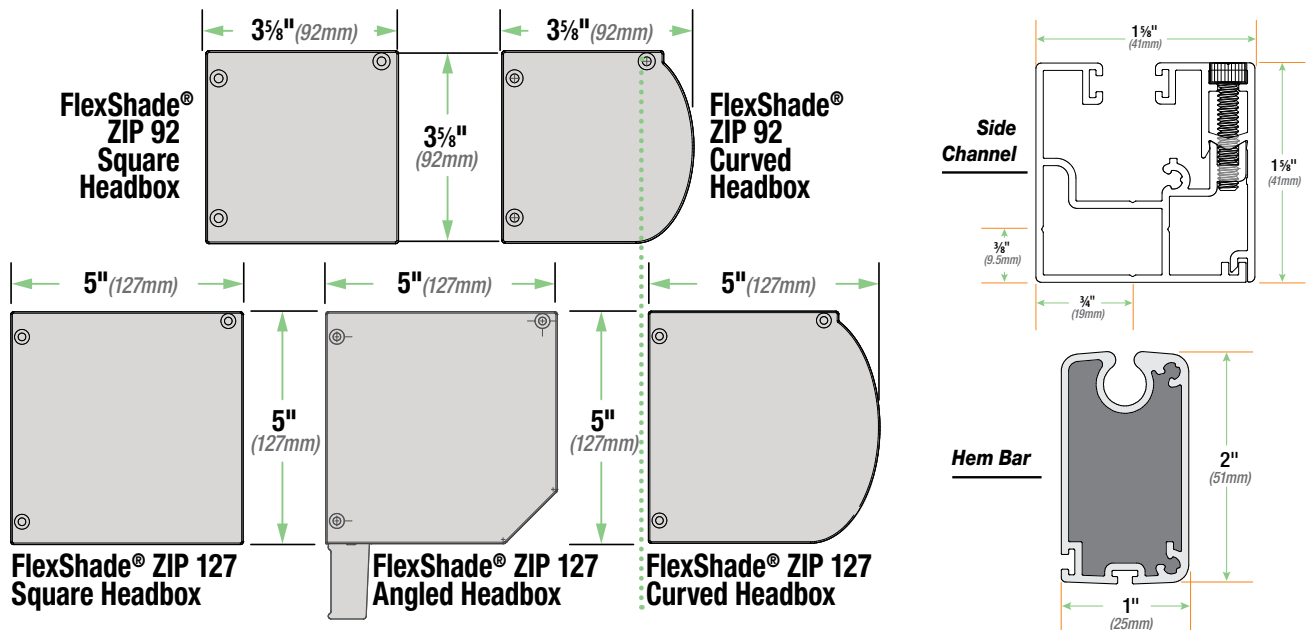
Wall Mounting Bracket



Dimensions



Component Dimensions





Crank Operator

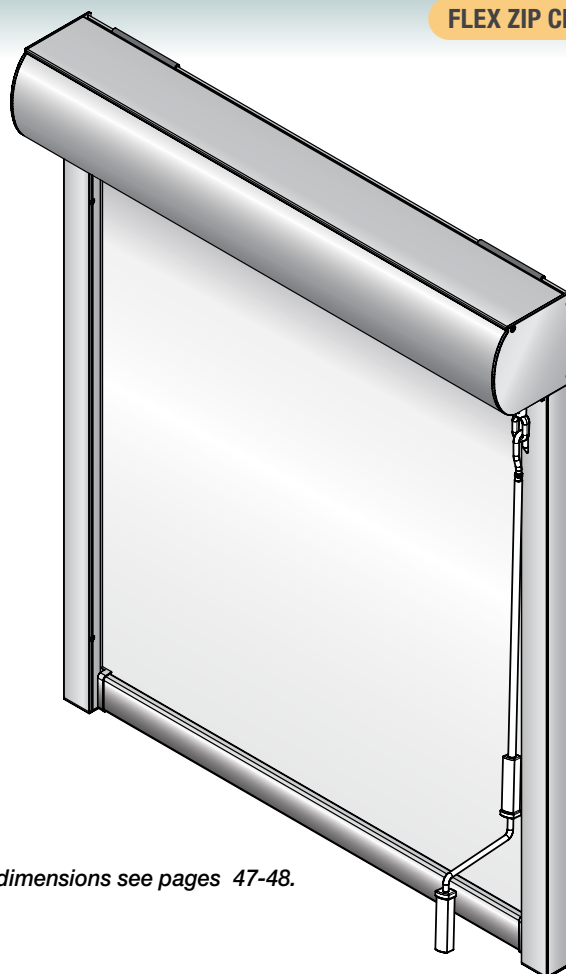
Bi-directional to mount at either end of roller. Never needs lubrication or adjustment. Crank handle assembly of powder coated and chromed steel, up to 6' (183 cm) in length, and detachable.

Available Sizes

		WIDTH								
		2' (61cm)	3' (91cm)	4' (122cm)	5' (152cm)	6' (183cm)	7' (213cm)	8' (244cm)	9' (274cm)	10' (305cm)
HEIGHT	2' (61cm)									
	3' (91cm)									
	4' (122cm)									
	5' (152cm)									
	6' (183cm)									
	7' (213cm)									
	8' (244cm)									
	9' (274cm)									
	10' (305cm)									

Sizes requiring large endcaps/brackets will vary according to fabric.

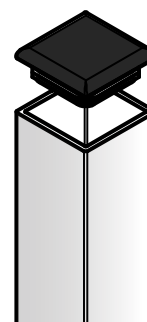
For dimensions see pages 47-48.



EXTRUSIONS AND ACCESSORIES FOR FLEXSHADE® ZIP

Channel Adapter options for installation conditions

PART NO.	ITEM	
C090.053	C Channel Adapter, 3/4" C Channel	Priced per ft
C151.089.16	3/4" Optional Plastic Channel Caps (Black)	Priced 2 Per Tube
C073.002.00	Tube Adapter, 1 1/2" Square Aluminum Tube	Priced per ft
C079.087	1 1/2" Optional Plastic Tube Caps (Black)	Priced 2 Per Tube
C090.054	C Channel Adapter, 1 3/4" C Channel	Priced per ft
C151.090.16	1 3/4" Optional Plastic Channel Caps (Black)	Priced 2 Per Tube
C104.148	L Angle Adapter – 1 1/2" x 1 1/4"	Priced per ft



Tube Adapter



L Angle Adapter

Bottom Hem Bar Liners

PART NO.	ITEM	
C037.002	.140" Height Liner	Priced per ft
C037.003	.310" Height Liner	Priced per ft
C037.004	.450" Height Liner	Priced per ft
C037.015	1" Height Liner	Priced per ft
C037.024	1 1/2" Height Liner	Priced per ft

PART NO.	ITEM	
C086.011	Vinyl Bulb Seal – For bottom hem bar only	Priced per ft

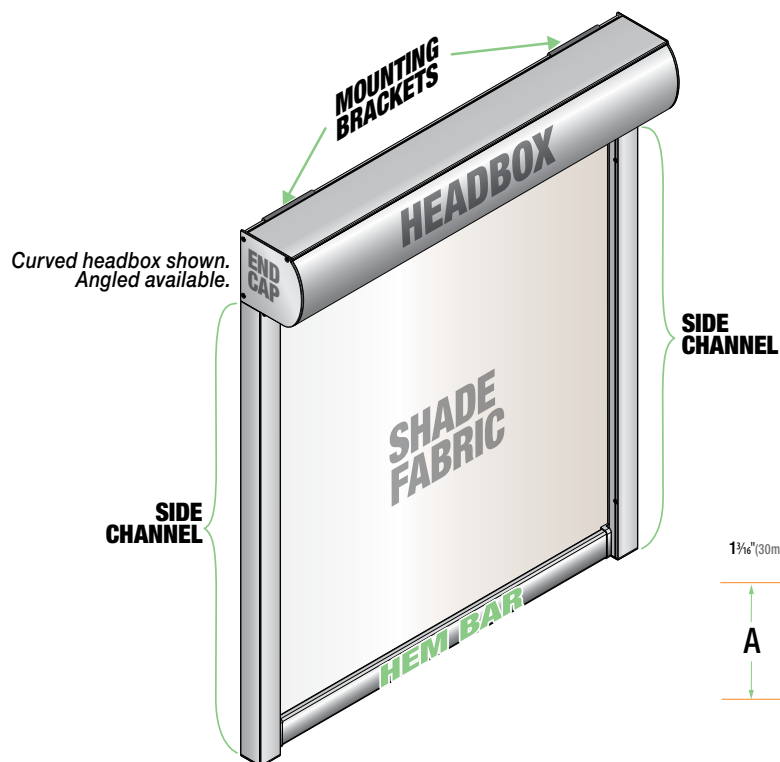


STANDARDS

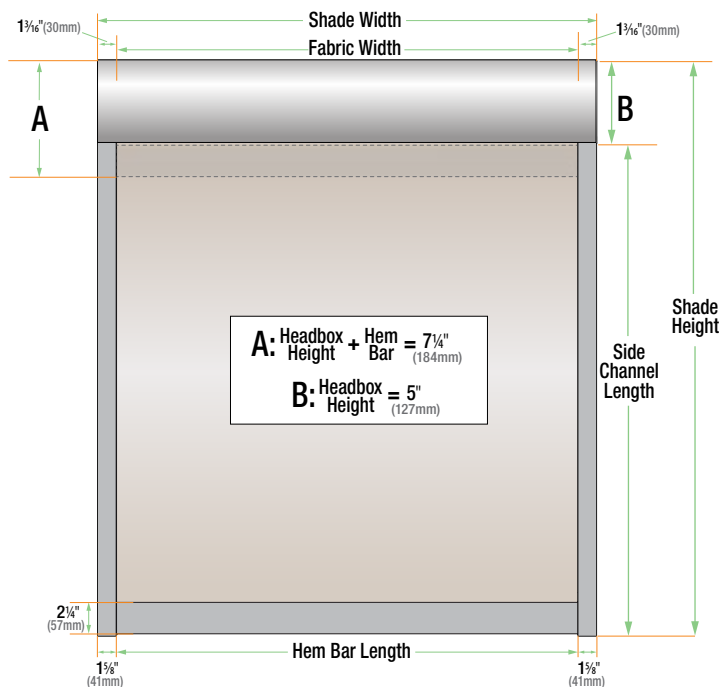
- Up to 25' wide. *Large sizes require special handling consideration. Additional crating fee will apply. Call for details.*
- 5" x 5" Headbox (Uses same box size as the ZIP 127).
- Cassette Style Installation.
- RTS Motor included, Conventional motor optional.

OPTIONS

- Angled or Curved Headbox profile options.
- Ceiling or Surface Mounting Brackets available.
- Controls and Accessories beginning on page 23.
- Six hardware colors, plus optional custom colors Integrated Cradle Support System allows for wide width with minimum deflection.



Dimensions

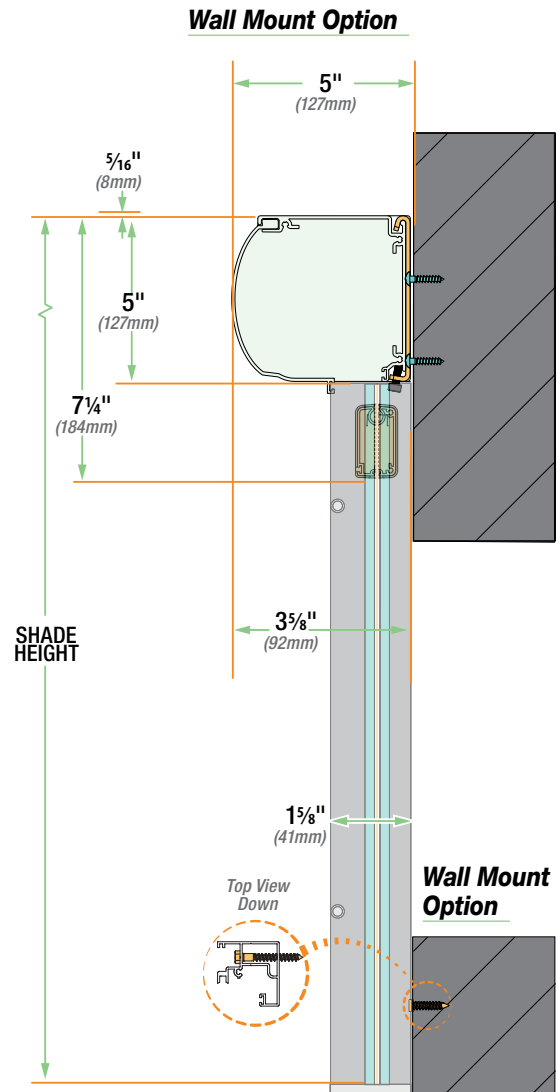
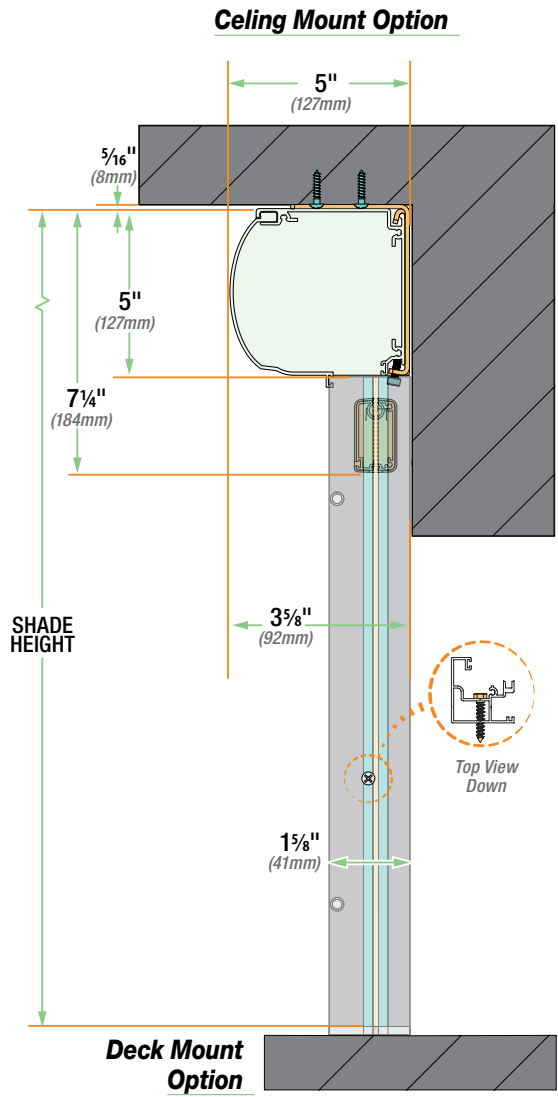


Available Sizes*

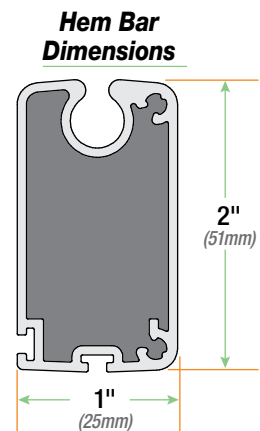
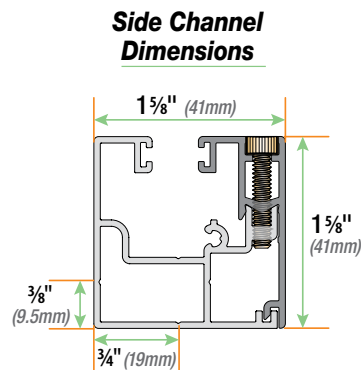
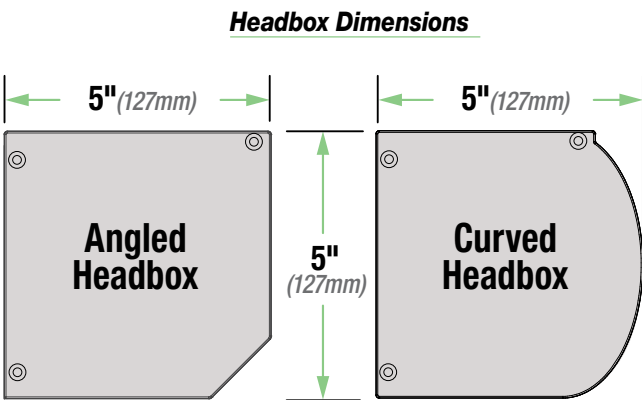
		WIDTH											
		4' (122cm)	6' (183cm)	8' (244cm)	10' (305cm)	12' (366cm)	14' (427cm)	16' (488cm)	18' (549cm)	20' (610cm)	22' (671cm)	24' (732cm)	25' (762cm)
HEIGHT	2' (61cm)												
	4' (122cm)												
	6' (183cm)												
	8' (244cm)												
	10' (305cm)												
	12' (366cm)												
	15' (457cm)												

*Maximum size will vary according to fabric selection.

Assembled Dimensions: Side View



Component Dimensions



FLEXSHADE® TENSION ZIP

OUTDOOR TENSIONED SHADING SYSTEM FOR ANGLED OR HORIZONTAL STRUCTURES



TENSION ZIP



Put our ZIP technology to work at any angle and create the perfect outdoor living space with the FlexShade® Tension ZIP shading system. The ZIP feature captures the fabric's edge, resulting in a more secure fabric retention system and improved light control. The unit can be installed at any angle from horizontal to vertical thanks to tension cords in the side channels. Control sun glare on existing pergolas, patio rooftops, and other angled windows to make your outdoor space your favorite place to be.

STANDARDS

- Up to 16' w x 20' draw.
- Includes standard brackets for attachment to structure. *If spanning greater than 6' in projection without brackets, then a support roller is needed at additional cost. One per 6' unsupported is needed.*
- Includes standard RTS motor.

OPTIONS

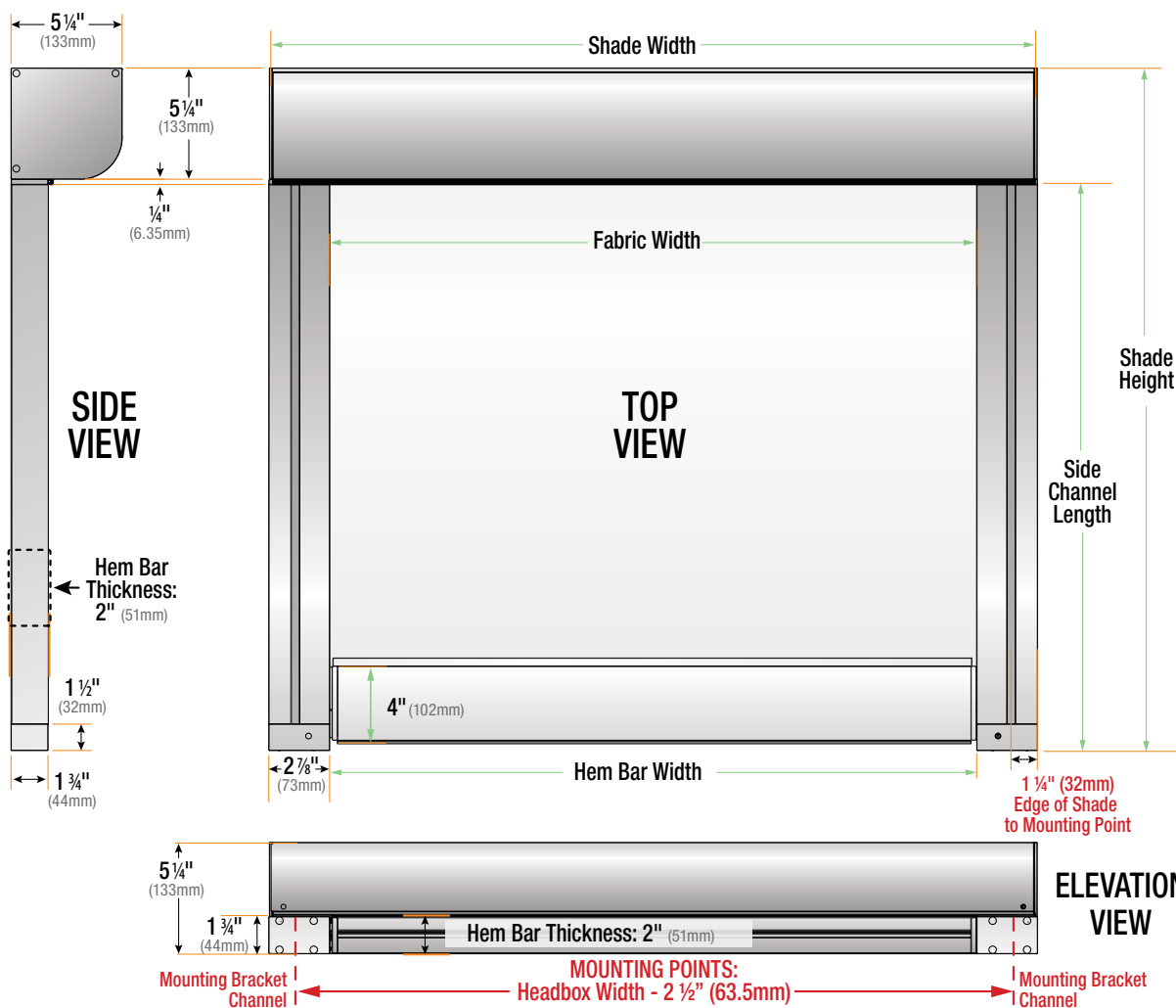
- Ceiling or Surface Mounting Brackets Available.
- Six hardware colors, plus optional custom colors.

Available Sizes*

* Maximum size will vary according to fabric selection.

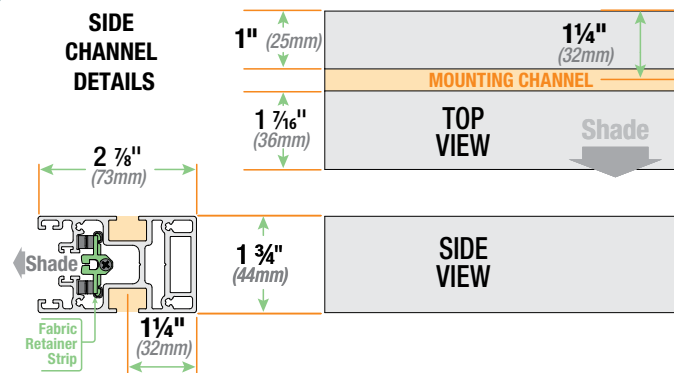
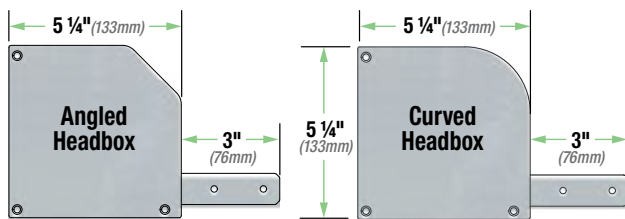
	WIDTH															
	40"	48"	60"	72"	84"	96"	108"	120"	132"	144"	156"	168"	180"	192"		
	102cm	123cm	153cm	183cm	213cm	244cm	274cm	305cm	335cm	366cm	396cm	427cm	457cm	488cm		
LENGTH	12"	CABLE ROUTING A SMALL SPRING				CABLE ROUTING B LARGE SPRING										
	24"															
	36"															
	48"															
	60"															
	72"															
	84"															
	96"															
	108"															
	120"															
	132"															
	144"															
	156"															
	168"															
	180"															
	192"															
	204"	SIZES NOT AVAILABLE				CABLE ROUTING B LARGE SPRING										
	216"															
	228"															
	240"															

Dimensions

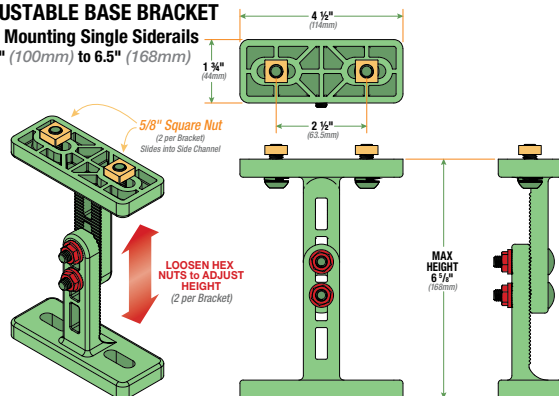


Component Dimensions

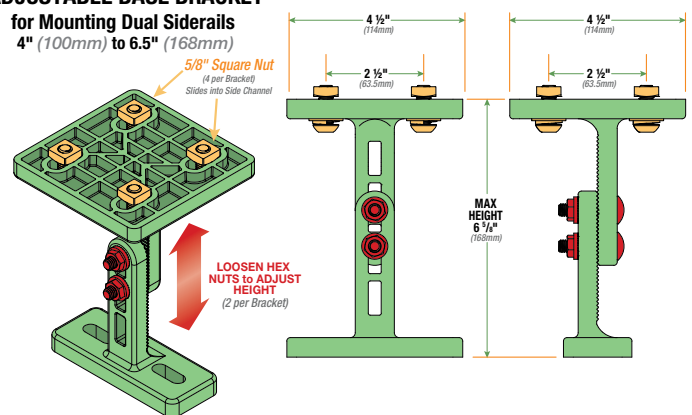
Headbox Styles & Dimensions



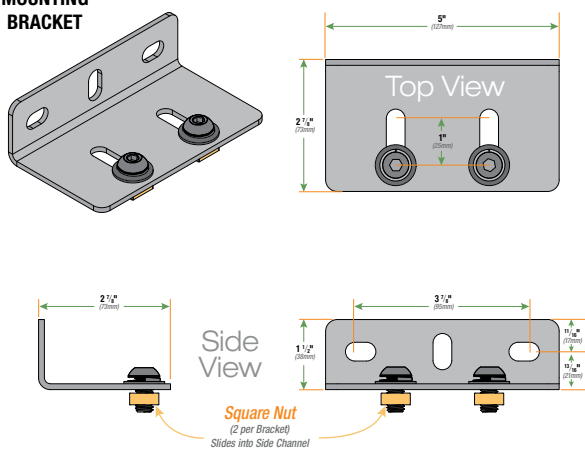
ADJUSTABLE BASE BRACKET for Mounting Single Siderails



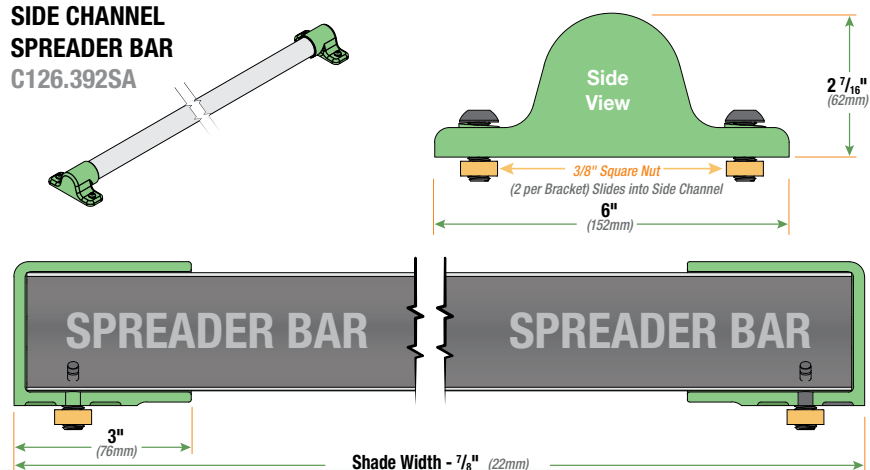
ADJUSTABLE BASE BRACKET for Mounting Dual Siderails



MOUNTING BRACKET



SIDE CHANNEL SPREADER BAR C126.392SA

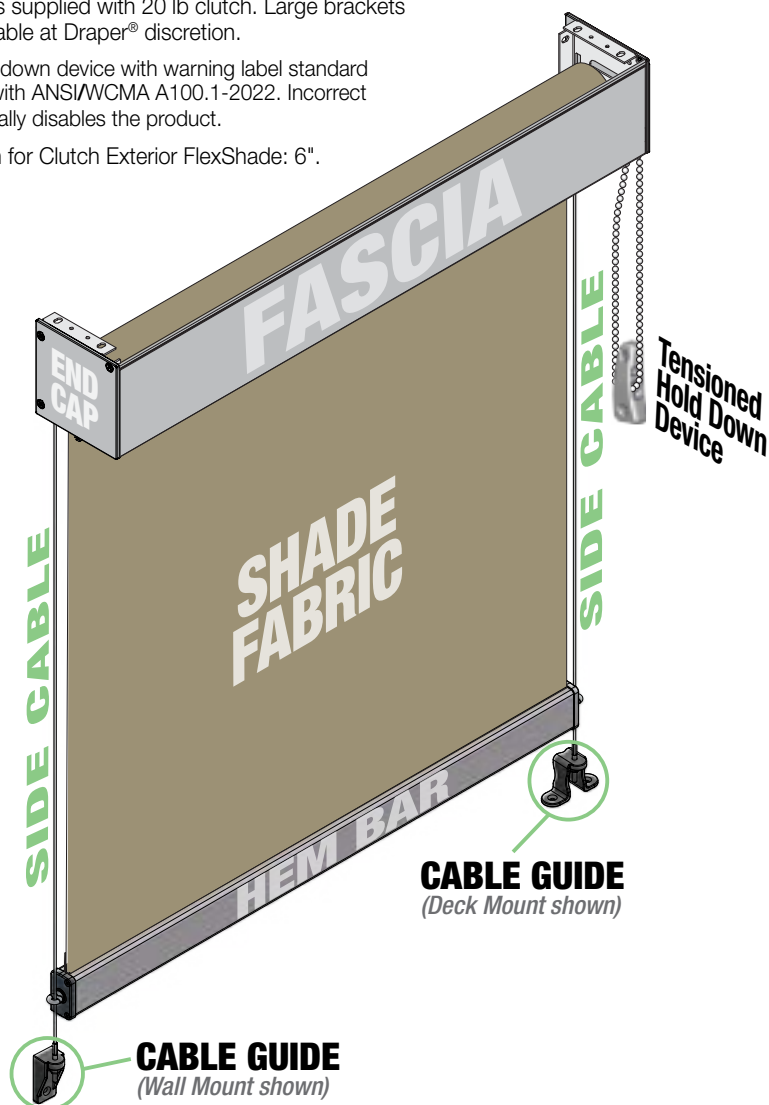


Clutch Exterior FlexShade® dimensions based upon 20 lb clutch and 1 1/2" diameter roller.

*Small brackets supplied with 20 lb clutch. Large brackets optionally available at Draper® discretion.

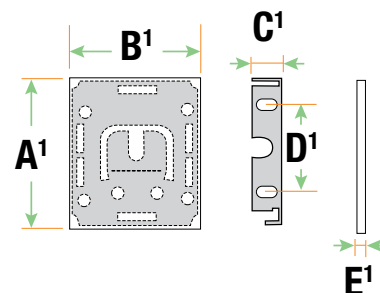
Tensioned hold down device with warning label standard in compliance with ANSI/WCMA A100.1-2022. Incorrect installation partially disables the product.

Minimum width for Clutch Exterior FlexShade: 6".



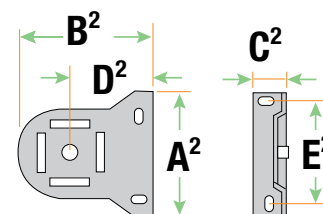
Fascia with Endcaps

	SMALL	LARGE
A ¹	3 7/8" (98mm)	4 5/8" (117mm)
B ¹	3 3/8" (86mm)	4 5/8" (117mm)
C ¹	1 3/16" (30mm)	1 9/16" (40mm)
D ¹	5/8" (16mm)	5/8" (16mm)
E ¹	1/16" (1.6mm)	3/32" (2.4mm)
F ¹	3" (76mm)	3 1/4" (83mm)



Brackets*

	SMALL	LARGE
A ²	2 3/16" (56mm)	2 3/16" (56mm)
B ²	2 3/8" (60mm)	3" (76mm)
C ²	1 1/16" (17mm)	1 1/16" (17mm)
D ²	1 5/8" (41mm)	2 1/4" (57mm)
E ²	1 3/4" (44mm)	1 3/4" (44mm)
F ²	N/A	N/A



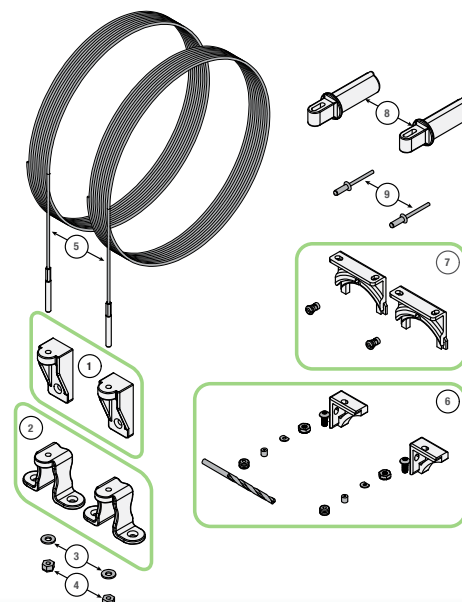
EXTERIOR CABLE GUIDE ASSEMBLY KIT

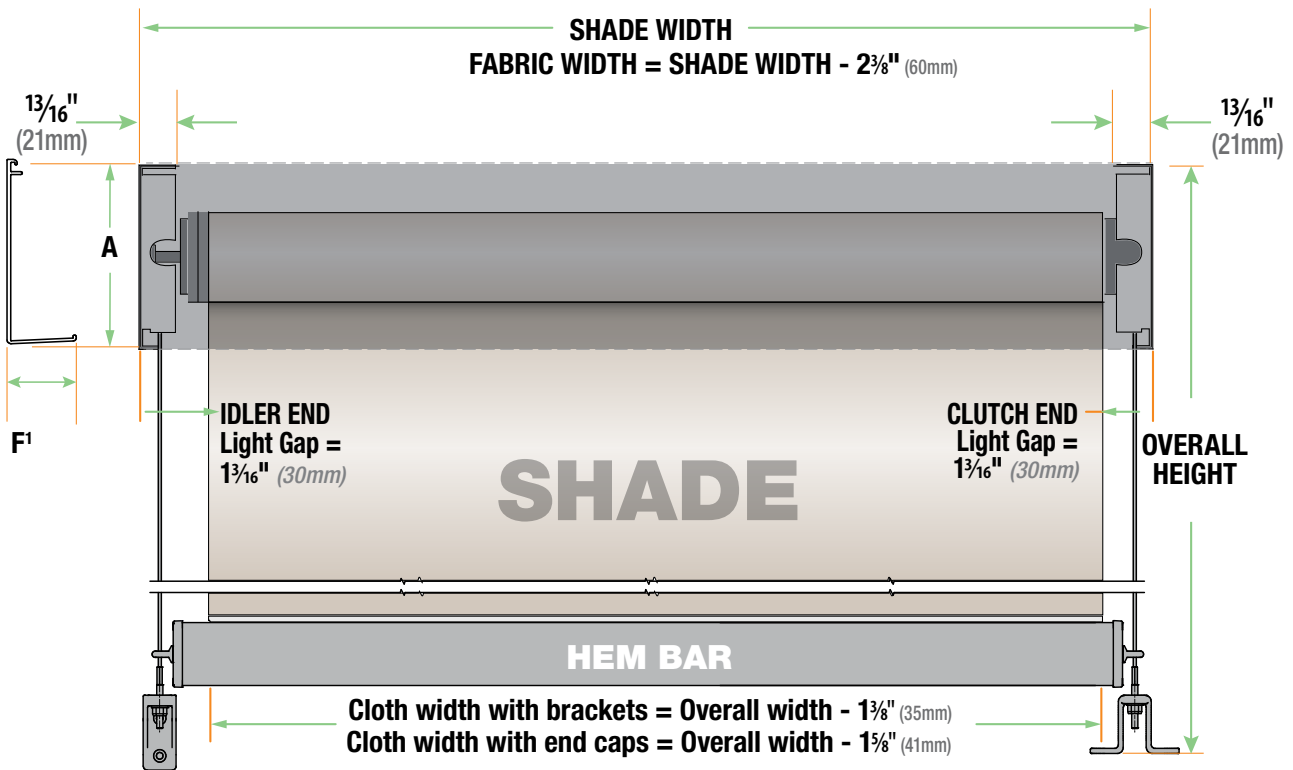
The Draper® External Cable Guide Assembly Kit comes with everything seen below which includes cable guides, wall or deck mount hardware, and up to 20' of cable. ***Special hem bar must be ordered separately.** Cable cut to length in field. Powder coated textured finish options: Ivory, Charcoal Bronze, White, Black, or Silver.

AVAILABLE AS A KIT ONLY.

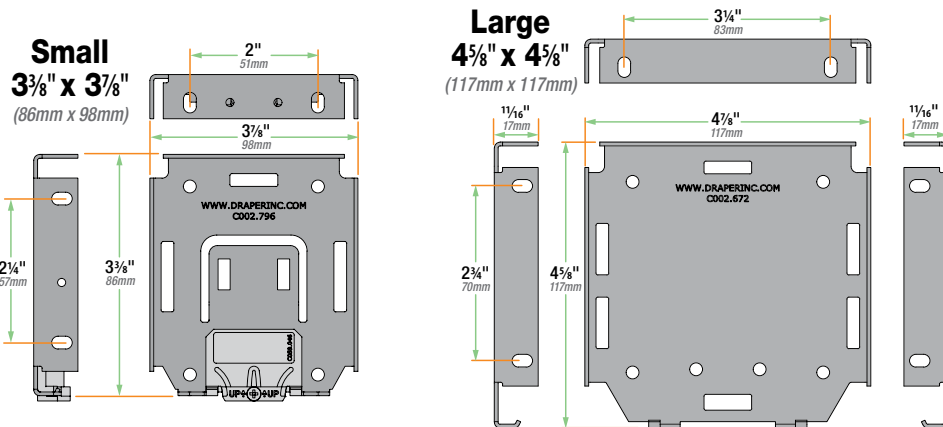
COMPONENTS:

1. Exterior FlexShade Cable Wall Mount
2. Exterior FlexShade Cable Deck Mount
3. Flat Washer, #10
4. Hex Nut – Nylon inserted zinc
5. Cable – 1/16" D 7x7 strand vinyl.
6. Endcap Insert
7. Bracket Insert
8. *Exterior Hem bar
9. 3/16" Flat Head Pop Rivet

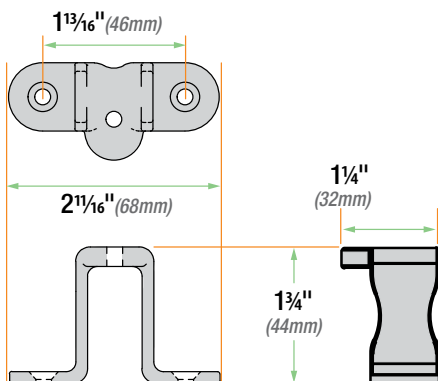




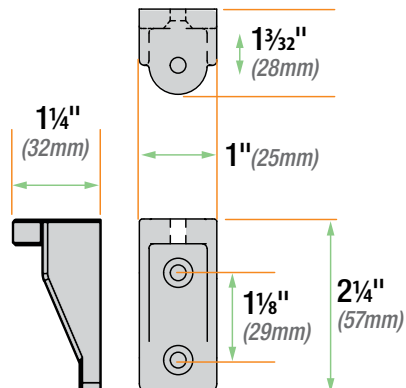
Endcap Dimensions



Cable Guide - Deck Mount



Cable Guide - Wall Mount



CRANK EXTERIOR FLEXSHADE®

Optional side channels are 1 5/8" wide x 1 5/8" deep.
Height is specified by customer when ordering.

Minimum widths for Motorized or Crank Exterior FlexShade can be found on page 9.

Cranks available in 48", 60", and 72" length.

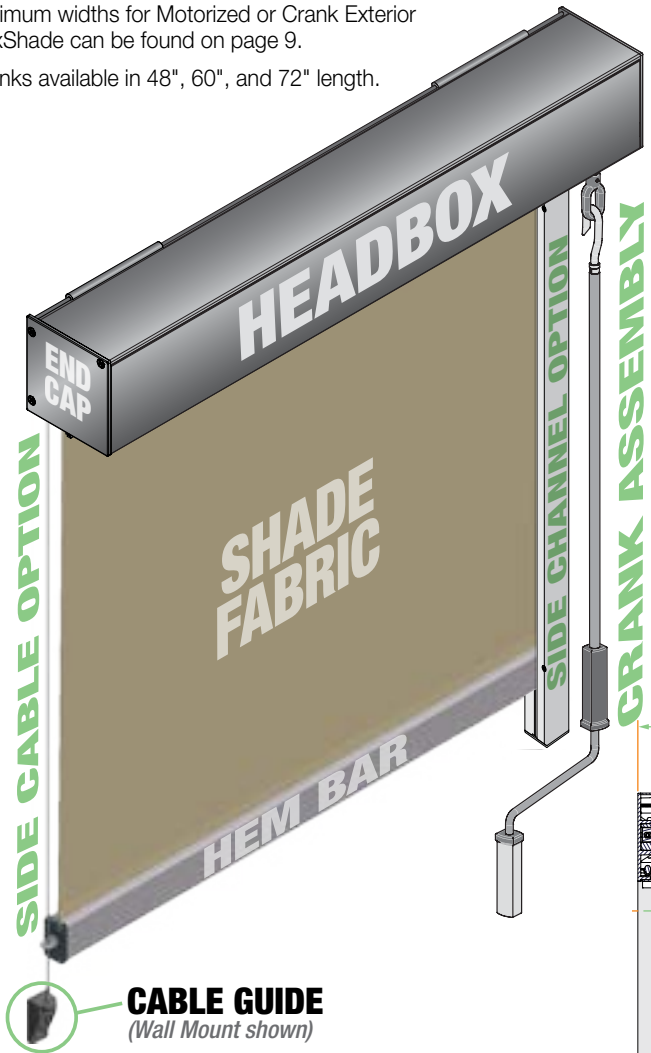


EXT FLEX CRN

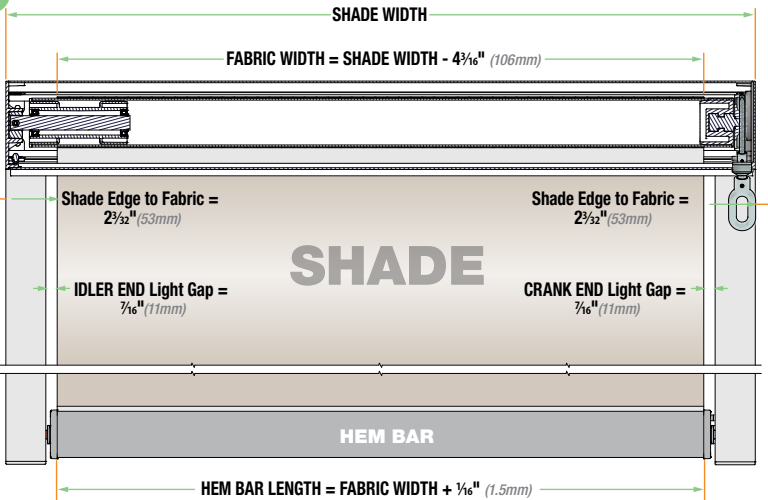
Available Sizes:

WIDTH	4' (122cm)	5' (152cm)	6' (183cm)	7' (213cm)	8' (244cm)	9' (274cm)	10' (305cm)	11' (335cm)
HEIGHT								
2' (61cm)								
3' (91cm)								
4' (122cm)								
5' (152cm)								
6' (183cm)								
7' (213cm)								
8' (244cm)								
9' (274cm)								
10' (305cm)								
11' (335cm)								

* Maximum size will vary according to fabric selection.

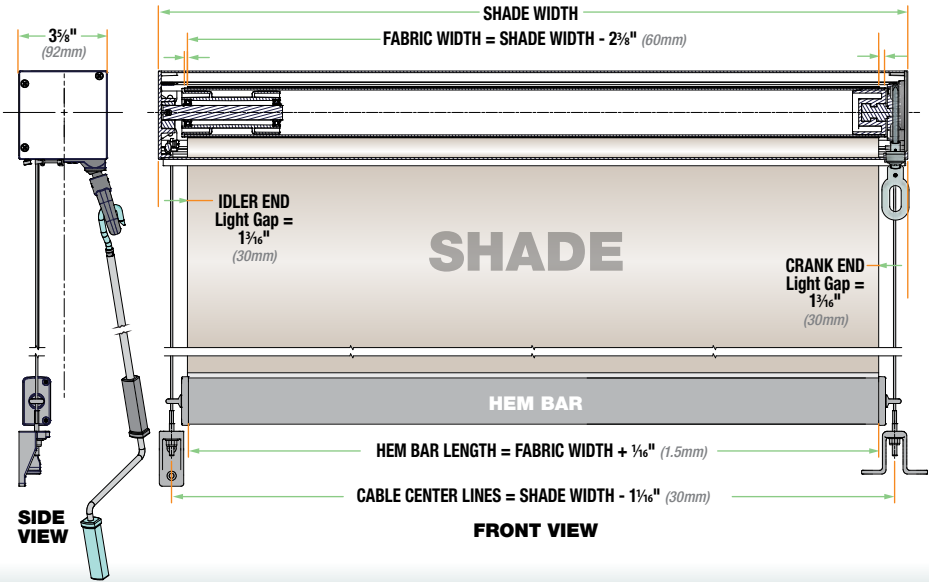


Side Channels Option



FRONT VIEW

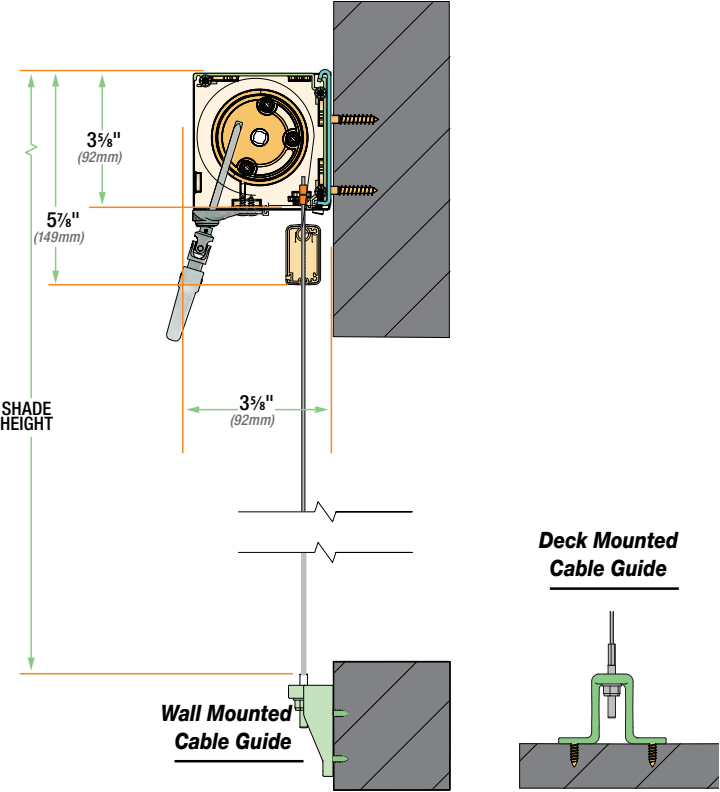
Side Cable Option



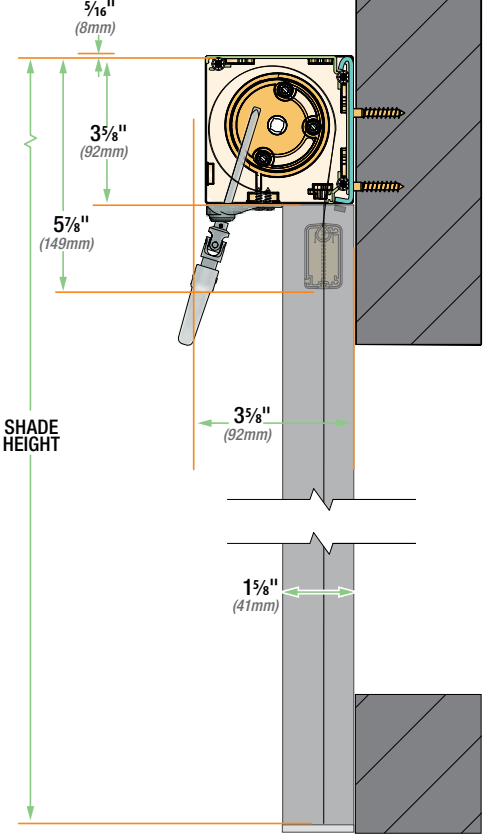
FRONT VIEW

Assembled Dimensions: Side View

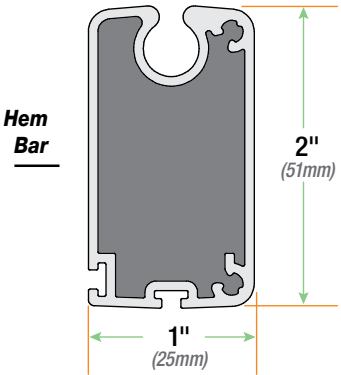
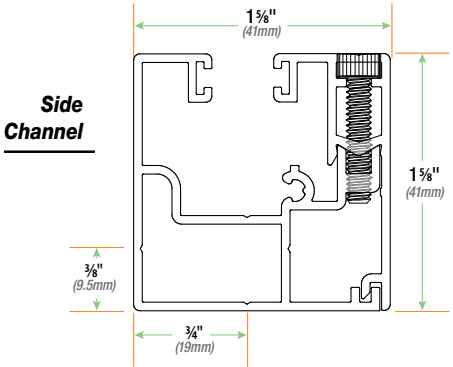
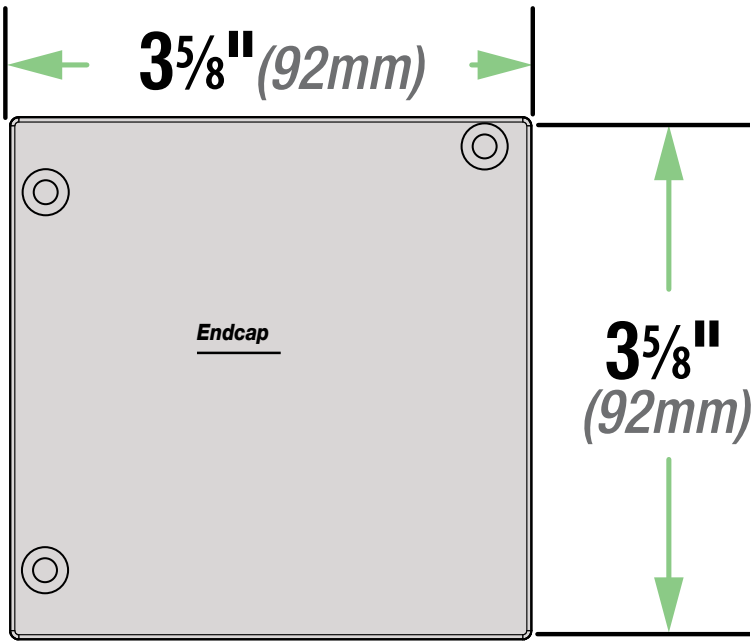
Side Cable Option



Side Channel Option



Component Dimensions



MOTORIZED EXTERIOR FLEXSHADE®

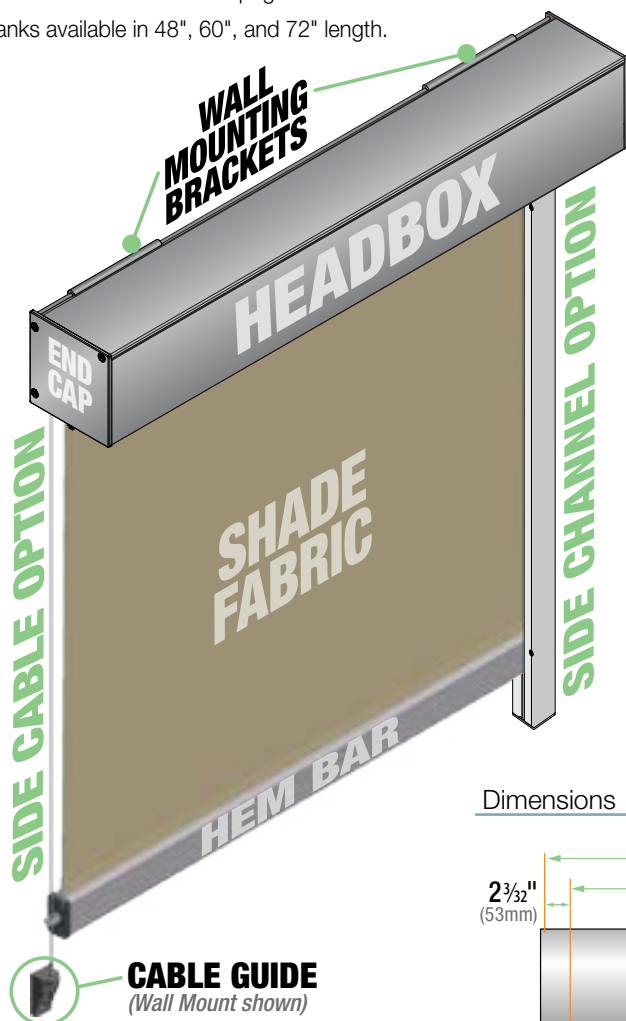


EXT FLEX MON

Optional side channels are 1 5/8" wide x 1 5/8" deep.
Height is specified by customer when ordering.

Minimum widths for Motorized or Crank Exterior FlexShade can be found on page 9.

Cranks available in 48", 60", and 72" length.

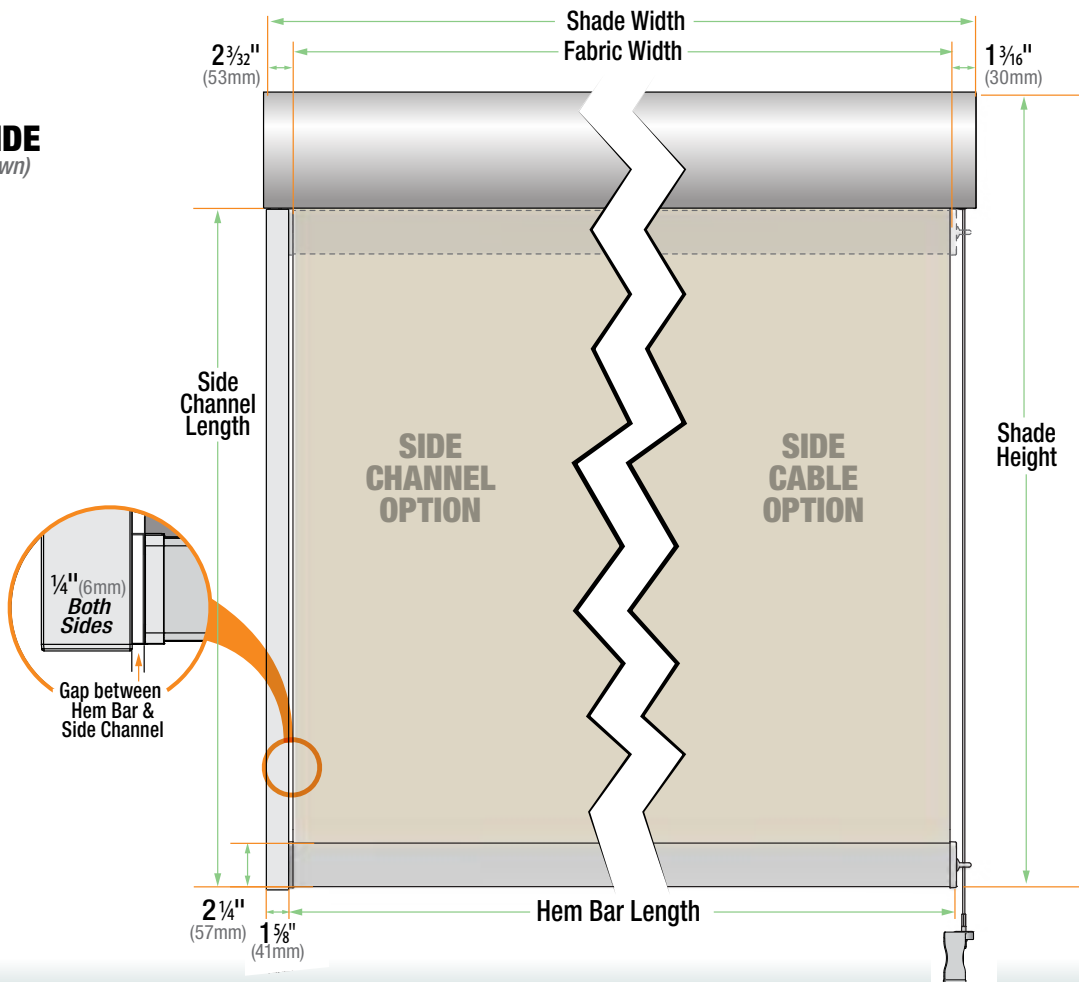


Available Sizes:

WIDTH	4'	5'	6'	7'	8'	9'	10'	11'
	(122cm)	(152cm)	(183cm)	(213cm)	(244cm)	(274cm)	(305cm)	(335cm)
2'								
3'								
4'								
5'								
6'								
7'								
8'								
9'								
10'								
11'								

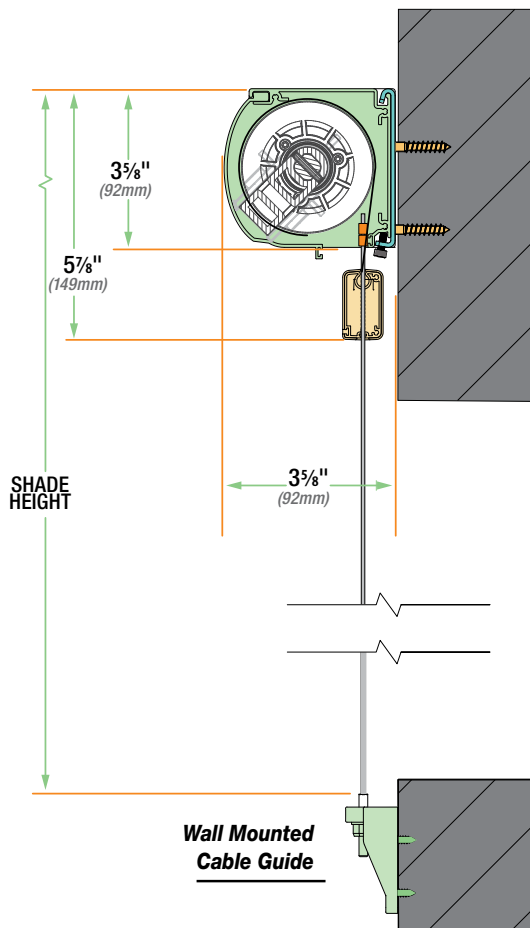
* Maximum size will vary according to fabric selection.

Dimensions

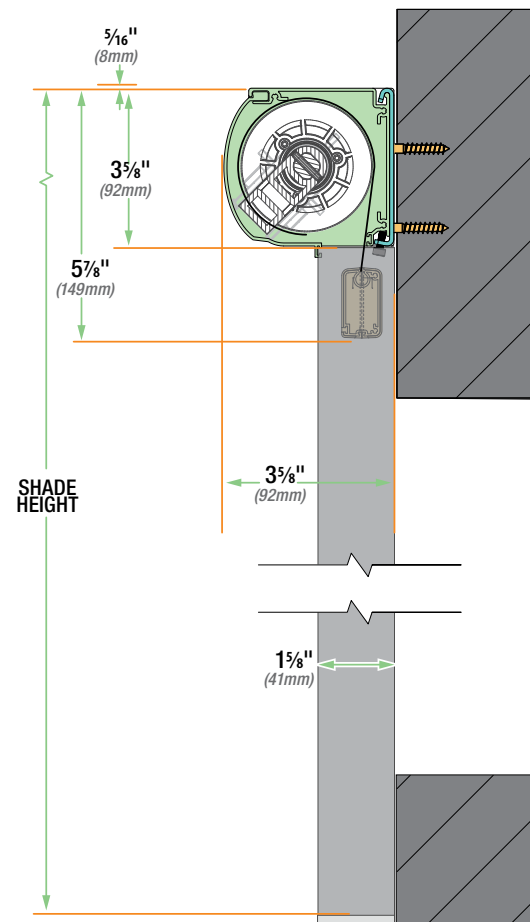


Assembled Dimensions: Side View

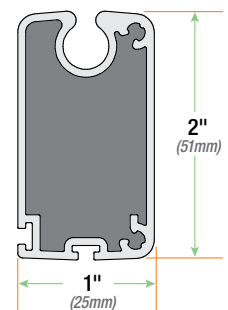
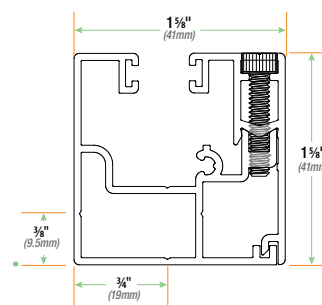
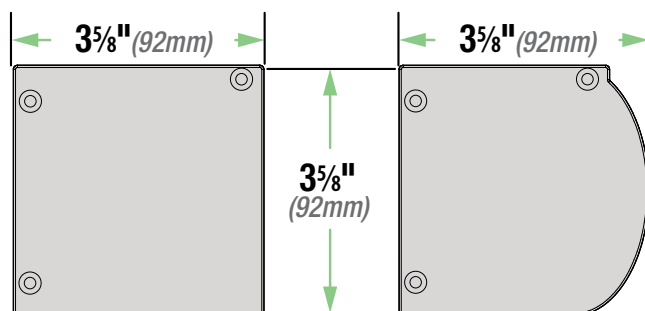
Side Cable Option



Side Channel Option

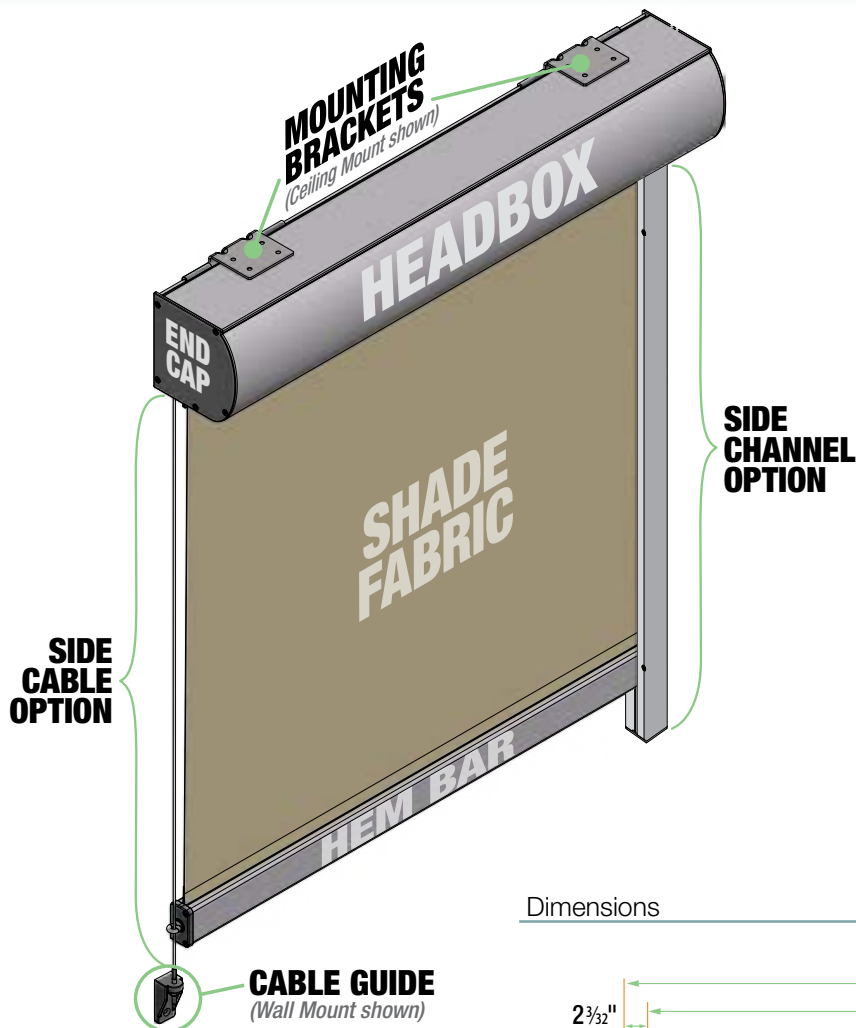


Component Dimensions





EXT FLEX XL MON

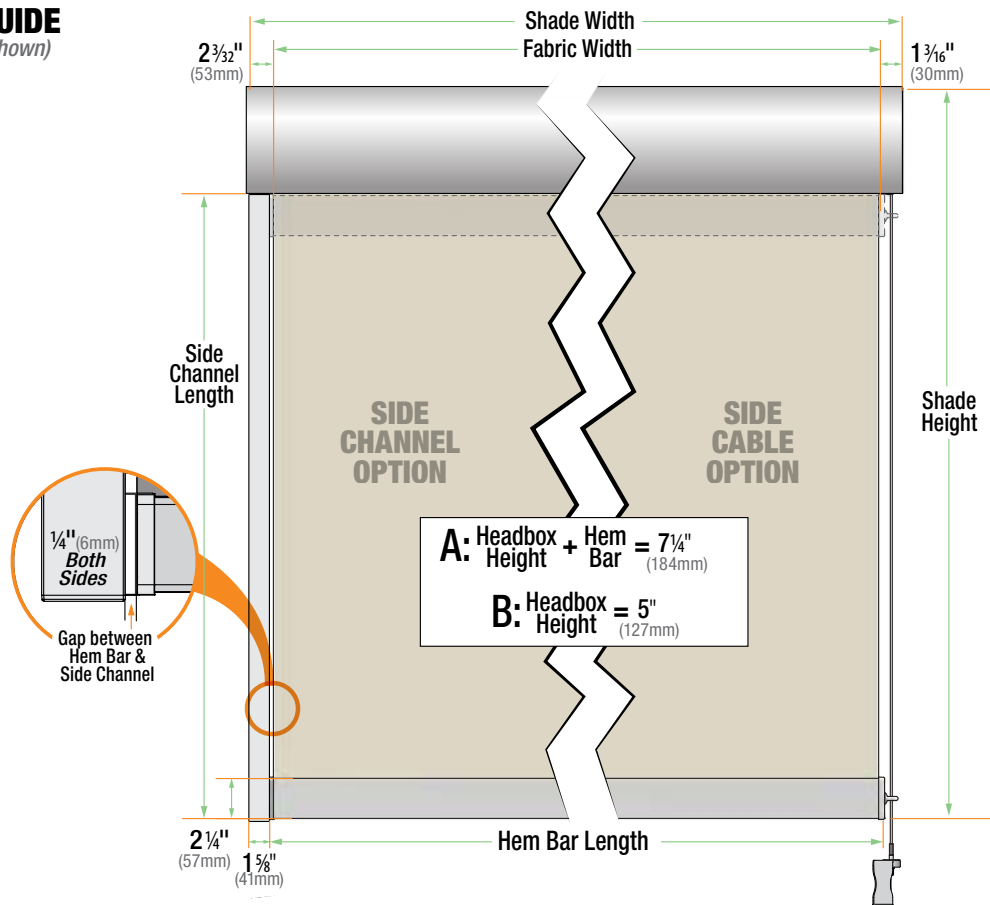


Available Sizes:

		WIDTH						
		4' (122cm)	6' (183cm)	8' (244cm)	10' (305cm)	12' (366cm)	14' (427cm)	16' (488cm)
HEIGHT	2' (61cm)							
	4' (122cm)							
	6' (183cm)							
	8' (244cm)							
	10' (305cm)							
	12' (366cm)							

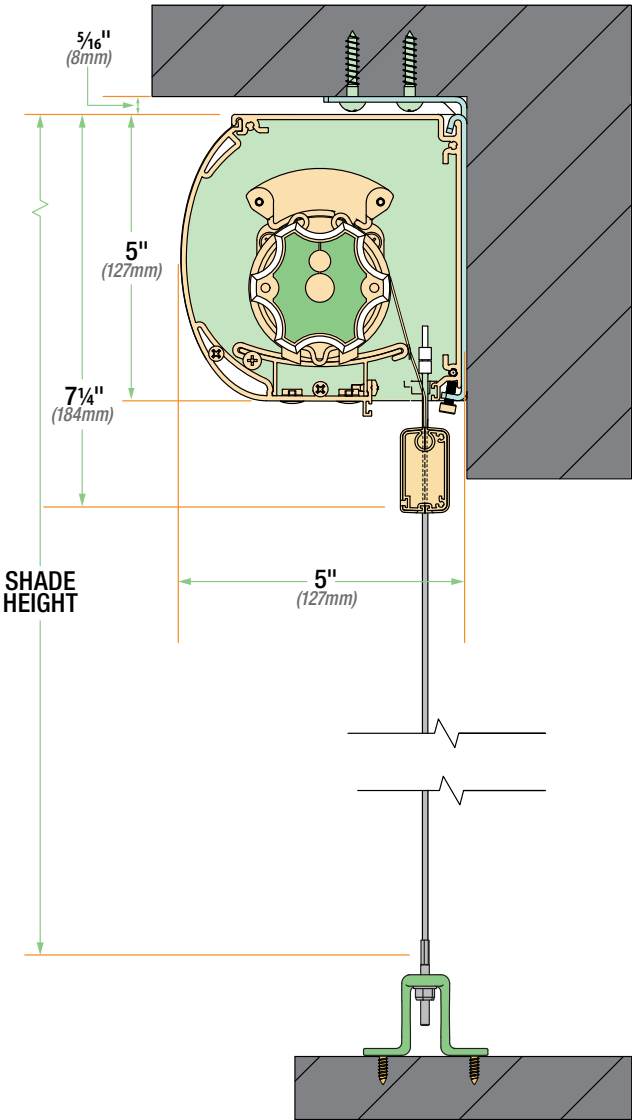
* Maximum size will vary according to fabric selection.

Dimensions

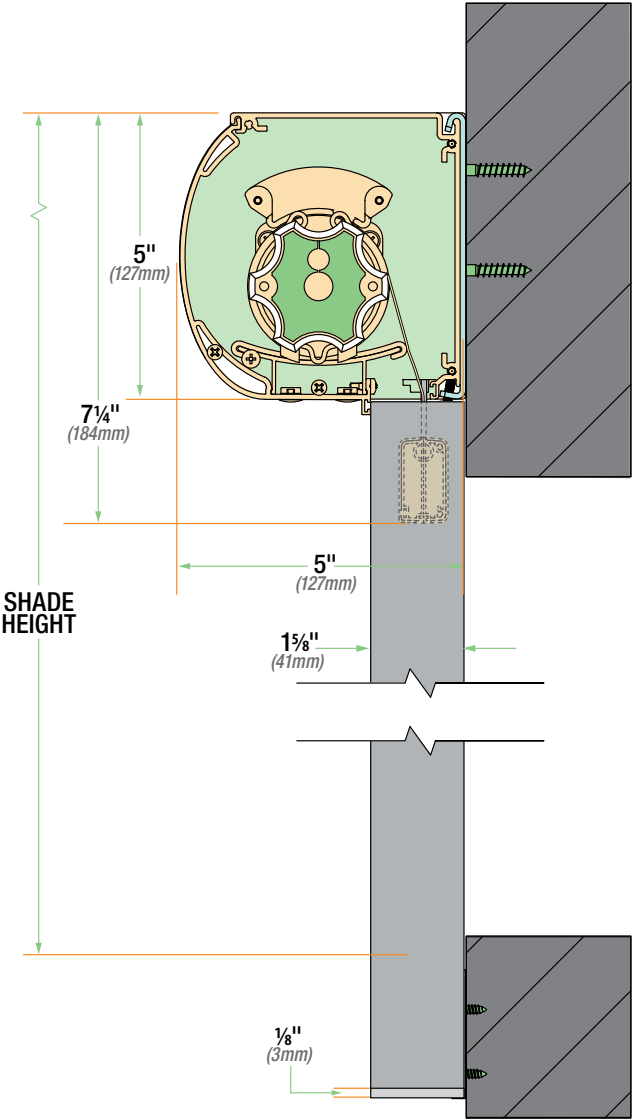


Assembled Dimensions: Side View

Ceiling Mount Bracket and Deck Mount Cable Guide shown

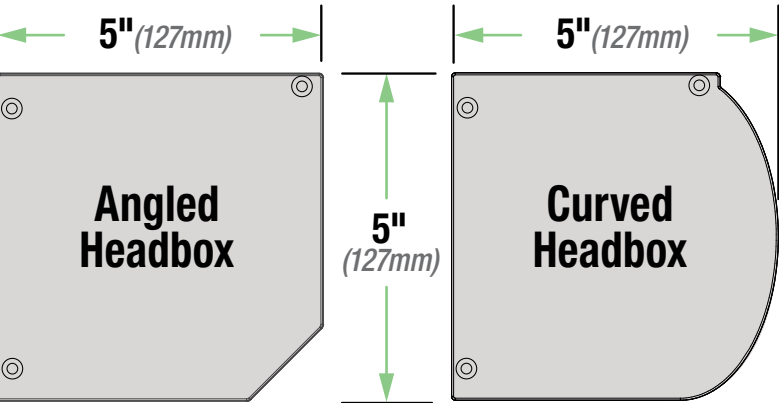


Wall Mount Bracket and Wall Mount Side Channel shown

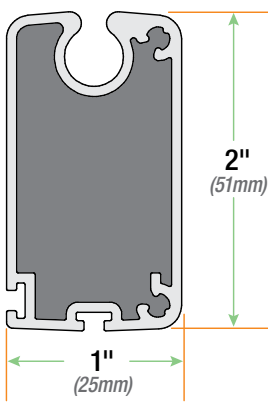


Component Dimensions

Headbox Dimensions



Hem Bar Dimensions



RADIO MOTOR CONTROL OPTIONS

Radio frequency range will vary from install to install. There is no way to predict radio frequency range factors, and factors can change throughout the day. All Radio Motors (high voltage, low voltage, and battery) work with the same transmitters. Their various instructions which can be found online at www.draperinc.com

PART NO.	ITEM
C072.059	Situo 1 Single Channel Handheld Transmitter (white)
C072.060	Situo 4 Five Channel Handheld Transmitter (white)
C156.119	Telis 1 Single Channel Handheld Transmitter (black)
C156.118	Telis 4 Five Channel Handheld Transmitter (black)
C112.074	Decora RTS 1 Channel Wall Switch Kit (white)
C112.076	Decora RTS 5 Channel Wall Switch Kit (white)
C112.119	Decora RTS 1 Channel Wall Switch Kit (ivory)

EXTERIOR OBSTACLE DETECTION MOTORS FOR FLEXSHADE ZIP

PART NO.	ITEM
C047.321	Maestria 510 RTS - Obstacle Detection Motor
C047.322	Maestria 525 RTS - Obstacle Detection Motor
C047.318	Maestria 535 RTS - Obstacle Detection Motor

EXTERIOR CONTROL OPTIONS

PART NO.	ITEM
C072.045	Telis 1 Patio Exterior Remote
C072.046	Telis 4 Patio Exterior Remote
C156.178	Soliris-RTS Wind/Sun Sensor
C072.052	Situo 5 Soliris Remote

EXTERIOR COMPONENTS

PART NO.	ITEM
C232.015	Somfy Ondeis WireFree Rain/Sun Sensor
C232.016	Sunis Outdoor WireFree Sun Sensor

Warema Venetian blinds are suitable for outdoor and indoor installations.

STANDARDS

- 120V Standard UL Listed Motor, choice of 80 or 100 mm flexible/flat slats, square headbox, and guide cables.
- Listed pricing covers construction described above with slats and hembars in the following colors: RAL 7016*, RAL 7022, RAL 7035, RAL 9006*, RAL 9007*, RAL 9016, DB 703*, and W878.
- Distributed from Warema in Germany. Submittal drawing approvals required for all orders. Price for the described product are indicative and should not be considered fixed. Contact Draper® for a project quote per needed timeline requirements.

*** Matt and standard finish are both options with no upcharge. All others are standard finish only with no upcharge. Other finishes and RAL colors available for an upcharge.**

OPTIONS

For quantities larger than 25 and options not shown here (Slat types, Headbox types, Side guidance, etc.), please contact our Solar Control Solutions department for a quote.

Draper offers many different solutions from European partners. Products such as FlexLouver™ and Topspin® have details on our website, but there are many other products which Draper can pursue as solutions. **Please contact Draper Solar Control Solutions with questions on these products.**



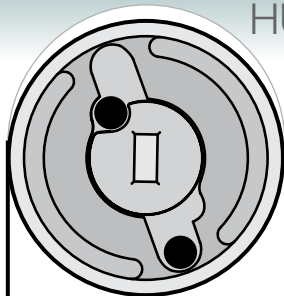
COMPONENTS:

1. Headbox/Cover Panel - Aluminum headbox available in powder coated or anodized finish. Cover panels closed by side closures on both sides. Designed both as a screen and also for complete integration below the external plaster.
2. Venetian Blind Slats - Enameled slat available flat or rolled edge.
3. Tilting tape, Lifting tape - Polyester cord used to adjust slats
4. Lateral Guidance - Safe lateral guidance with a tension cable using steel wire cord. Low noise emissions.
5. Bottom Rail - Fixed rectangular extruded aluminum rail available in powder coating 50 mm w x 20 mm h.

CONTROL OPTIONS FOR VENETIAN BLINDS

PART NO.	ITEM
C156.285	1 Motor External controller Without Steel Enclosure
C156.285SA	1 Motor External controller with Steel Enclosure
C156.286	4 Motor External Controller without Steel Enclosure
C156.286SA	4 Motor External Controller With Steel Enclosure
C156.272	Schedule/Sensor Interface
C156.278	Wind Speed Sensor
C156.276	Single Zone Venetian Blind Wall Switch
C156.277	Dual Zone Venetian Blind Wall Switch

Note: For additional control options, refer to page 25 for the IntelliFlex I/O System. For exterior mounted blinds, use of an SSI and wind sensor is highly recommended.



HUSKY SPRING ROLLERS/BRACKETS/SLATS

HUSKY ROLLER

Factory Pack quantities only. If "Broken Pack" (less than full carton of each size) required – add 20%.

HUSKY ROLLER SIZE AVAILABILITY *Width is Tip-to-Tip*

DIAMETER	FACTORY PACK (QTY)	4'	5'	6'	7'	8'	9'	10'	11'	12'	13'	14'	15'	REPLACEMENT SPRINGS
1 ¼"	15					—	—	—	—	—	—	—	—	
1 ½"	10							—	—	—	—	—	—	
1 ¾"	10								—	—	—	—	—	
3"	3	—	—											—

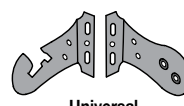
- Wires (.073 diameter) for 1 ¼", 1 ½", and 1 ¾" rollers only, by request at no charge.
- Wires (.120 diameter) for 3" rollers are available by request at an additional cost. Call Draper for details.
- Standard 1-piece metal rollers.
- Standard 2-notch construction. 1-notch available at no extra charge.
- Prices above do not include mounting brackets or slats.

REPLACEMENT IDLER PIN ENDS

PART NO.	DIAMETER	PART NO.
C052.056	1 ¼"	C221.036SA
C052.045	1 ½"	C221.043SA
C052.046	1 ¾"	C221.047SA

REPLACEMENT SPRINGS

BRACKETS



ROLLER O.D.					
1 ¼" ¹	PART NO.	—	—	—	C002.146
1 ½" / 1 ¾"	PART NO.	—	—	—	C002.499
3" ² (Cast)	PART NO.	C002.199	C002.200	C002.207	—

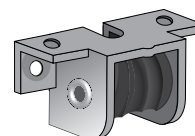
¹ Brackets for 1 ¼", 1 ½" and 1 ¾" rollers are bright finished, stamped steel.

² Brackets for 3" rollers are cast aluminum.

SPECIAL LOCKING PULLEY

Recommended for hopper windows, doors, and other operable windows. Shade mounts at bottom of the window and pulls up through the N-10 locking pulley. Mounted in this manner, shades are held taught over glass area and do not interfere with operation of the windows.

N-10 Transom Pulley



PART NO.	ITEM
C193.017SA	Without Ball
C028.047SA	With Ball

FOB FACTORY, SPICELAND, IN. HUSKY METAL ROLLERS SHIP FREIGHT CLASS 85.

DISPLAY YOUR LOGO TO THE WORLD!

In-house, high-resolution custom digital printing features brilliant CMYK color reproduction to produce eye-catching window shade signage or storefront imagery. Also ideal for trade show displays, sports facilities, and archival museum signs.

THE BENEFITS OF DRAPER® IN-HOUSE SHADE PRINTING:

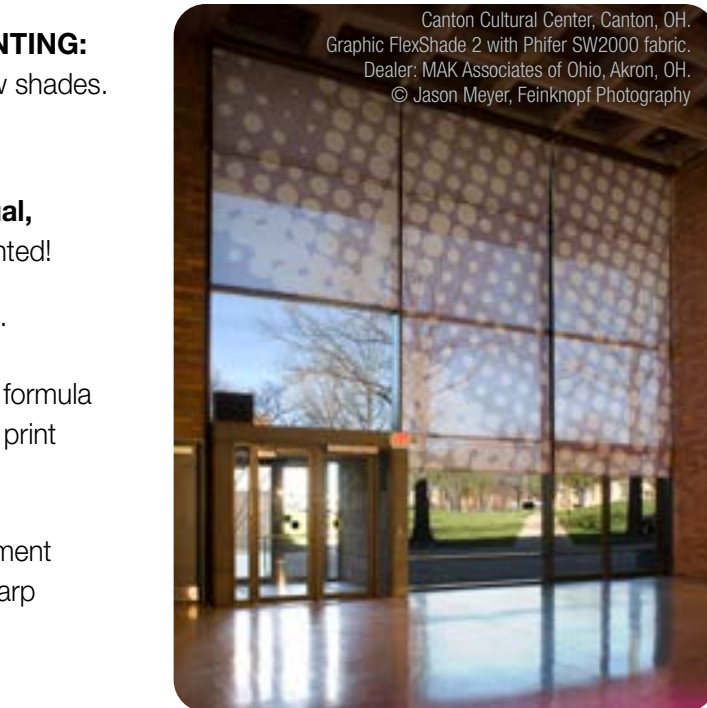
Draper® can print most **any logo or graphic** on your window shades. You provide the artwork, and we'll print it.

Large format digital printing is available on **motorized, manual, or fixed window shades**. Even **outdoor** shades can be printed!

Graphics can be printed on **either side** of the window shade.

We can **color match!** If choosing a solid color, select a color formula from Sherwin Williams® or Pantone® color palettes, then we'll print shade fabric to match.

Your prints will look better than ever. Our in-house equipment produces bright, vivid colors, with a wide color gamut and sharp detail. High quality, digital four-color process assures a crisp, clear image. Inks are safe, GREENGUARD Gold certified, with no off-gassing.



Canton Cultural Center, Canton, OH.
Graphic FlexShade 2 with Phifer SW2000 fabric.
Dealer: MAK Associates of Ohio, Akron, OH.
© Jason Meyer, Feinknopf Photography

In-house printing provides more control over the project: All digitally printed shades print on the same state-of-the-art digital printer for consistent print quality on both mesh and opaque privacy fabrics.

Shorter lead times versus outsourcing print jobs: No back and forth between an outside print vendor means fewer delays, and allows for in-house quality control.

Lasting quality: Draper inks resist light-fading for years, with high resistance to damage from scratching, abrasion, water, and chemicals.



Red's Hall of Fame in Cincinnati, Ohio
Motorized FlexShade 2
Fabric: Phifer SW3510 (4000) Snowy White (Chalk)
Installer: Standard Textile

FILL YOUR WINDOWS WITH YOUR BRAND, LOGO, OR ART!

Please contact your Draper® representative for restrictions and available fabrics. An order for graphics must accompany the shade order.



Large format printer at Draper

PREPARATION FOR PRINTING ON SHADE FABRIC

NOTE: Production lead-times are longer for printed shades and are dependent upon the time required for the set-up and approval process.

FABRIC RECOMMENDATION: Many fabrics are available for Draper® window shades, however **white fabric is best suited and is strongly recommended** to print graphics. Printing inks are transparent, so any non-white fabric will shift the colors of the artwork and the appearance of the final print. White ink is NOT available, thus using white fabric allows us to match the intended colors of your graphics more accurately.

We recommend printing on Opaque White for best image reproduction. If mesh fabric is necessary, we recommend a white mesh fabric with 1%-10% openness. Mesh fabrics allow view through and therefore do not reproduce graphics quite as sharply as opaque fabrics.

For an additional expense, Draper may be able to print on fabrics not listed. Not all fabrics are printable. Please contact Draper for a quote.

PREFERRED FILE FORMATS: If possible, please have your artwork prepared by a graphics professional before sending to Draper. **Vector is strongly preferred.** Adobe Illustrator (.ai) or EPS (Encapsulated PostScript). All **text MUST** be converted to paths (outlines) or fonts packaged along with the file. All **linked images MUST** be embedded or included along with the file. (File should be vector based, not simply an image file saved as EPS format.)

We can also accept high resolution .tif or .jpg files in CMYK color mode. File formats not listed may not be usable for printing.

IMAGE SIZE: All files should be sized exactly to the final print size, plus ½" on each side for bleed/trimming. For example, if your product's visible area is 50" x 50", your graphic image size should be 51" x 51". Please ensure the image resolution is a minimum of **150 dpi, up to a maximum of 300 dpi**.

STANDARD RESOLUTION ONE-SIDED PRINTING*

*Pricing is in addition to the cost of selected shade. Pricing applies **only** to white E Screen 135 and 10% openness factor, or white SunBloc Series fabrics at standard resolution. Please contact Draper for details.*

"CLOSED" SIGNS

Adhesive lettering can be applied ("Closed" signs, for example) at additional cost. 3", 4", or 5" lettering available. Opaque White or SB9100 fabric only. Contact your Draper sales representative for details.

GRAPHIC SETUP FEE REQUIRED

Graphic Setup Fee Price Per Image or Shade Size
Digital Printing.....Priced Per Sq/Ft

**Discounts are available for multiple shades.
Please call for details.**

Disclaimers: Although shade fabrics were not designed to be printed on, Draper has had much success shade printing. Shade fabric can also have imperfections that can affect the printing process. Draper will strive to supply the best possible product but cannot consider these as warrantable items. Images must not infringe on copyrights. Prices and specifications subject to change without notice.

MINIMUM WIDTHS FOR DRAPER SHADES

MOTORIZED FLEXSHADE®

Model	Motor Type	Motor Part #	OM Min Width
FlexShade® (FLEXSHADE MO)	SONESSE RS485	C047.246	30 1/8"
	SONESSE ULTRA RS485	C047.280	37 7/8"
	SONESSE ULTRA 50 DC RS485 24V	C047.272	35 13/16"
	SONESSE ULTRA 50 DC RTS 24V	C047.323	35 13/16"
	SONESSE	C047.250	28 11/16"
	SONESSE ULTRA	C047.244	35"
	INTELLIFLEX IO MOTOR, 6NM, 10NM	C047.300 / C047.303	34"
	SONESSE RTS	C047.248	30 5/8"
	SONESSE ULTRA RTS	C047.245	37 3/16"
FlexShade® Zigbee (FLEXSHADE MOZ)	ST40 ZIGBEE MOTOR, 4nM	C047.343	25 1/2"
	ST40 ZIGBEE MOTOR, 6nM	C047.344	26 11/16"
FlexShade® Battery Shade (FLEXSHADE BA)	ST28 LI-ION MOTOR	C047.333	26 1/16"
	ST28 RTS BATTERY MOTOR	C047.341	16 1/8"
	ST30 ULTRA LI-ION MOTOR	C047.335	28"
	ST40 LI-ION MOTOR	C047.338	27 15/16"
FlexShade® Recharge (FLEX RECHARGE)	RECHARGE 25MM (LONG)	C047.325	26 1/16"
	RECHARGE 25MM (SHORT)	C047.329	23 9/16"
	RECHARGE 28MM	C047.326	30 1/16"
	RECHARGE 45MM	C047.330 / C047.331	36 7/16"
FlexShade® Zigbee Battery Shade (FLEXSHADE BAZ)	ST28 LI-ION ZIGBEE MOTOR	C047.346	26 1/16"
	ST28 WIREFREE ZIGBEE MOTOR	C047.347	16 1/8"
	ST30 ULTRA LI-ION ZIGBEE	C047.345	28"
FlexShade® Low Voltage (FLEXSHADE 24V)	MOTOR ST30 DRY CONTACT	C047.348	20 1/4"
	MOTOR ST30 RTS	C047.340	20 1/4"
	ST30 24 RS485 MOTOR	C047.351	20 1/4"
Exterior FlexShade® (EXT FLEX MON)	STANDARD EXTERIOR MOTOR	C047.050	29 3/4"
	SONESSE RTS OR ALTUS MOTOR	C047.117	29 13/16"

OTHER MOTORIZED SHADES

Model	DOL CODE	OM Min Width
LightBloc	LIGHTBLOC MO	29"
Skylight	SKYLIGHT MO	21 1/4"
FlexShade 2	FLEXSHADE 2 / FLEXSHADE 2 PKT	36"
Colossal	FLEXSHADE COL	36"
Skylight 2	SKYLIGHT 2	41 7/8"
Bottom-Up	FLEXBOTTOMUP MO	28 15/16"
Bottom-Up Dual Roller	FLEXBOTTOMUP DM	27 1/16"
LightBloc ZIP	LTBLOC ZIP MON	25 3/4"

CLUTCH FLEXSHADE

Model	DOL CODE	OM Min Width
FlexShade NEXD (All Hardware Options)	FLEXSHADE NEXD	6"
FlexShade	FLEXSHADE CL	6"
Techmatic	TECHMATIC CL	6"
LightBloc	LIGHTBLOC CL	Contact Draper
Bottom-Up NEXD	FLEXBOTMUP NEXD	8"

MOTORIZED FLEXSTYLE®

Model	Motor Type	Motor Part #	OM Min Width
FlexStyle® (FLEXSTYLE MO)	INTELLIFLEX IO MOTOR, 6NM, 10NM	C047.300 / C047.303	32 5/8"
	SONESSE	C047.250	28 1/16"
	SONESSE ULTRA	C047.244	35 1/8"
	SONESSE RTS	C047.248	30 3/16"
	SONESSE ULTRA RTS	C047.245	36 9/16"
FlexStyle® Zigbee (FLEXSTYLE MOZ)	ST40 ZIGBEE MOTOR, 4nM	C047.343	24 7/8"
	ST40 ZIGBEE MOTOR, 6nM	C047.344	26 1/16"
FlexStyle® Battery Shade (FLEXSTYLE BA)	ST28 LI-ION MOTOR	C047.333	25 1/2"
	ST28 RTS BATTERY MOTOR	C047.341	17 11/16"
	ST30 ULTRA LI-ION MOTOR	C047.335	29 9/16"
	ST40 LI-ION MOTOR	C047.338	29 15/16"
FlexStyle® Zigbee (FLEXSTYLE BAZ)	ST28 LI-ION ZIGBEE MOTOR	C047.346	30 3/8"
	ST28 WIREFREE ZIGBEE MOTOR	C047.347	17 9/16"
	ST30 ULTRA LI-ION ZIGBEE	C047.345	29 7/16"
FlexStyle® Recharge (FLEXSTYLE RECHARGE)	RECHARGE 25MM	C047.329(short) C047.325 (long)	26 3/16"
	RECHARGE 28MM	C047.326	23 5/16"
	RECHARGE 45MM	C047.330 (3Nm 20RPM) C047.331 (10Nm 9RPM)	36 7/16"
FlexStyle® Low Voltage (FLEXSTYLE 24V)	MOTOR 24V ST30 RTS DC QUIET	C047.340	21 13/16"
	MOTOR ST30 DRY CONTACT	C047.348	21 13/16"
	ST30 24 RS485 MOTOR	C047.351	20 15/16"

ZIP MOTORIZED FLEXSHADE

Model	Motor Type	Motor Part #	OM Min Width
FlexShade® ZIP (FLEX ZIP 92) (FLEX ZIP 127) (FLEX ZIP XL MON)	ZIP 92 - MAESTRIA 50 RTS W/ OBSTACLE DETECTION	C047.318	36"
	ZIP 127 - MAESTRIA 50 RTS W/ OBSTACLE DETECTION	C047.318	36"
	ZIP XL -MAESTRIA 50 RTS W/ OBSTACLE DETECTION	C047.318	36"

CRANK FLEXSHADE

Model	DOL CODE	OM Min Width
Crank FlexShade	FLEXSHADE CR	6"
Exterior Crank FlexShade	EXT FLEX CRN	12"
LightBloc FlexShade	Call to Order	Contact Draper

SPRING ROLLER SHADES

Model	DOL CODE	OM Min Width
1" Roller	SHADE SP	14 3/8"
1 1/4" Roller	SHADE SP	24 1/4"
1 1/2" Roller	SHADE SP	27 15/16"
1 3/4" Roller	SHADE SP	33 7/8"
2 1/4" Roller	SHADE SP	47 1/2"
3" Roller	SHADE SP	48 7/8"

OTHER MANUAL SHADES

Model	DOL CODE	OM Min Width
Panel Track	PANEL TRACK *	48"

* Battery wands exceed minimum width on this product. See page 29 for battery accessory options.

REPLACEMENT PARTS LISTS

Below are parts that may be replaceable on some of our most common products. For any products not listed here please contact the Draper® sales department or sales representative for your region.

CHAINS & CHAIN ACCESSORIES

PART NO.	ITEM
C022.073	Metal Chain (Stainless Steel)
C131.005	Metal Chain Connector
C171.019	Aluminum Stop Balls (Standard)
C171.009	Steel Stop Balls
C022.030	Plastic Chain (Grey)
C022.032	Plastic Chain (White)
C022.031	Plastic Chain (Black)
C022.029	Plastic Chain (Ivory)
C022.033	Plastic Chain (Bronze)
C131.031	Plastic Chain Connector (Clear)
C171.021	Plastic Stop Balls (Clear)
C041.208	Tensioned Hold Down Device Base and Cover (Clear)
C504.264	Clear Manual Bead Chain Tensioner Kit
C236.014	Tensioner Chainhold Floor/Sill Bracket
C236.015	Tensioner Chainhold Wall Bracket

MOTORIZED FLEXSHADE®

PART NO.	ITEM
C002.1513	Small Ceiling/Wall Motor Bracket
C002.1517	Large Ceiling/ Wall Motor Bracket
C002.1514SA	Small Left Wall Idler End Bracket
C002.1515SA	Small Right Wall Idler End Bracket
C002.1518SA	Large Left Wall Idler End Bracket
C002.1519SA	Large Right Wall Idler End Bracket
C002.1516SA	Small Ceiling Idler End Bracket
C002.796SA	Small Endcaps for ST30 or Battery Motors
C002.798SA	Small Endcaps for AC, RTS, 485, DC50, I/O Motors
C002.1289	Large Motor Endcap for Standard & RTS Motors
C002.1235SA	Large Idler Endcap for 485 & I/O Motors
C002.1234SA	Small Idler Endcap for 485 & I/O Motors
C047.250	Sonesse 506 Standard Motor
C047.300	I/O 6nm Motor
C047.246	Sonesse 506 RS485 Motor
C047.248	Sonesse 506 RTS Motor
C047.281	Recharge 25 mm DCRF, 1.1 nm Motor
C047.325	Motor Mount Plate

PART NO.	ITEM
C002.1339	Small Silver Skyline Bracket (Single)
C002.1340	Small Black Skyline Bracket (Single)
C002.1343	Small White Skyline Bracket (Single)
C002.1344	Large Silver Skyline Bracket (Single)
C002.1345	Large Black Skyline Bracket (Single)
C002.1347	Large White Skyline Bracket (Single)
<i>All Skyline brackets above are single and require at least two for installation!</i>	
C103.158	Motor Adapter for 5V 25mm & 5V 28mm Motors
C020.650	Screws for Motor Adapter (C103.158). <i>Requires 2 per adapter.</i>

CLUTCH OPERATED FLEXSHADE®

PART NO.	ITEM
C093.027	20 lb Clutch (White)
C093.028	20 lb Clutch (Black)
C093.150	24 lb Clutch (White)
C093.151	24 lb Clutch (Black)
C103.055	2" Adaptor for 20 lb or 24 lb Clutch
C052.050	1 ½" Idler (White)
C052.050.16	1 ½" Idler (Black)
C052.069	2" Idler (White)
C052.069.16	2" Idler (Black)
C504.141.21	Small Universal Brackets (White)
C504.141.16	Small Universal Brackets (Black)
C504.140.21	Large Universal Brackets (White)
C504.140.16	Large Universal Brackets (Black)
C002.796SA	Small Endcap Kit (20 lb Clutch)
C041.012	Large Endcap Kit (20 lb Clutch)
C002.1249	Large Endcap Kit (Right Operator, 24 lb Clutch)
C002.1250	Large Endcap Kit (Left Operator, 24 lb Clutch)

FIXED PANELS

PART NO.	ITEM
C014.024	Inside Mount Aluminum Clip
C014.016	Outside Mount Clip (White)
C014.015	Outside Mount Clip (Grey)
C014.079	Outside Mount Clip (Black)

TECHMATIC ROLLER SHADE

PART NO.	ITEM
C093.022	White 10 lb Clutch
C093.025	Black 10 lb Clutch
C052.049	1 ¼" Idler (White)
C052.185.16	1 ¼" Idler (Black)
*For brackets and endcaps, see Small Hardware under the Clutch Operated FlexShade header.	

SPRING ROLLER SHADE

PART NO.	ITEM
C052.056	1 ¼" Spring Roller Idler
C052.045	1 ½" Spring Roller Idler
C052.046	1 ¾" Spring Roller Idler

MISC. PARTS AND ACCESSORIES

PART NO.	ITEM
C118.090	Double Sided Tape

SHADE FABRICS ROLL GOODS AVAILABILITY

	FABRIC NAME	AVERAGE OPENNESS FACTOR	WIDTHS (INCHES)	APPROX. ROLL LENGTH YARDS		FABRIC NAME	AVERAGE OPENNESS FACTOR	WIDTHS (INCHES)	APPROX. ROLL LENGTH YARDS
DRAPER®	SB9000	Opaque	36, 45, 54, 63, 72, 72, 77, 98, 120	30-40		SB9100	Opaque	36, 72	30-40
MERMET®	E Screen	10%	78, 98, 122	29		9803**	3%	98	29
	E Screen	5%	78, 98, 122	29		E Screen	1%	78, 98, 122	29
	M Screen 8505	5%	78, 98, 122	30		Vizela	1%	94.5	30
	E Screen	3%	78, 98, 122	29		M Screen	1%	98, 122	29
	M Screen 8503	3%	78, 98, 122	29		Flocké	Opaque	94.5	30
PHIFER®	SW3000	14%	72, 96	30		SW2400 (2410)	3%	63, 98, 126	30
	SW2100	10%	63	30		SW2703	3%	63, 98, 126	30
	SW2600 (2360)	10%	63, 98	30		SW 4400 ECO	3%	63, 84, 98, 126	30
	SW2710	10%	63, 98	30		PW4600	3%	63, 98, 126	30
	SunTex	10%	96, 120	30		PW4650	3%	63, 98	30
	SW 4100 ECO	10%	63, 84, 98	30		PW4903	3%	63, 98	30
	SW2000	5%	63, 98, 126	30		SW Basic	3%	98	30
	SW2705	5%	63, 98, 126	30		SW2701	1%	63, 98, 126	
	SW2900 (2390)	5%	63, 98, 126	30		SW2500	1%	63, 98, 126	30
	SW 40000 ECO	5%	63, 84, 98, 126	30		SW Basic	1%	126	
	PW4500	5%	63, 98, 126	30		PW4800	1%	63, 98, 126	30
	SW 4550	5%	63, 84	30		PW4901	1%	63, 98	30
	SW Basic	5%	98	30		SW7000	Opaque	94, 118	30
	SW5000	5%	74, 98	30		SW7100	Opaque	63, 96	30
						SW7500	Opaque	118	30

FLEXSHADE® SALES AIDS

AVAILABLE WORKING DISPLAY SAMPLES

- **Clutch Operated Roller Shade** (Clutch or NEXD) with mounting brackets (available mounted on wood board or with aluminum frame).
- **Clutch Operated Roller Shade** (Clutch or NEXD) with endcaps and fascia (available mounted on wood board or with aluminum frame)
- **Clutch Operated Exterior FlexShade®** with cable guides or side channels LightBloc System, Clutch Operated
- **LightBloc System, Motorized**
- **Motorized Roller Shade with mounting brackets, switch and cover plate**
- **Motorized Roller Shade with Quiet RTS or Quiet RS485**
- **Motorized Bottom-Up FlexShade**

All samples sent with aluminum mounting frame and supplied with #10 screws. Sample size determined by Draper®. Clutch operated Roller Shades (Clutch and NEXD) also available on wood board. Please specify aluminum frame or wood board at time of order.

Display samples are available in the configurations described above. All fascias, headboxes and channels on the units above are finished in clear anodized aluminum unless you request otherwise.

All samples are available in any fabric listed in price list for the product.

All sample prices shown above include freight. Prices subject to change without notice.

PRODUCT LITERATURE IS AVAILABLE AT NO CHARGE IN REASONABLE QUANTITIES. CALL FOR MORE INFORMATION.

- FlexShade Systems Catalog & Brochures
- FlexShade Systems Retail Price List
- Architectural Binders
- Dealer Binder (with sample cards of Draper® colors/fabrics)
- 8" x 10" Swatches of Shade Fabrics
- Order Forms – printable forms also available at www.draperinc.com/windowshades/shadeorderforms.aspx

SHADE FABRIC REFERENCE GUIDE

PLEASE USE THIS CHART AS A REFERENCE *ONLY* - Fabric information is subject to change. Visit draperathome.com/windowshades/shadefabric for the most up to date fabrics.

	FABRIC NAME	INTERIOR MESH	INTERIOR PRIVACY	EXTERIOR MESH	EXTERIOR PRIVACY	INTERIOR TRANSLUCENT	PVC FREE
PHIFER®	Phifer Privacy						
	SheerWeave Basic						
	SheerWeave Infinity 2						
	SunTex 90						
	SunTex 90 Design						
	SunTex 95						
	SheerWeave SW1000						
	SheerWeave SW2000 / 2100						
	SheerWeave SW2500 / 2400 / 2900 / 2600						
	SheerWeave SW2701 / 2703 / 2705 / 2710						
	SheerWeave SW3000						
	SheerWeave PW3500 / 4100 / 4400						
	SheerWeave PW4500 / 4600						
	SheerWeave PW4550 / 4650						
	SheerWeave PW4800						
	SheerWeave PW4901 / 4903						
	SheerWeave SW5000						
	SheerWeave SW7000						
	SheerWeave SW7100						
	SheerWeave SW7400						
	SheerWeave SW7450						
	SheerWeave SW7500						
	SheerWeave SW7800 / 7850						
	SheerWeave SW8000						
DRAPER® OPAQUE	Apagón Style III						
	SunBloc SB9000						
	SunBloc SB9100						
VEROSOL®	SilverScreen						
MERMET®	E Screen						
	E Screen with KoolBlack Technology						
	E Screen Deco						
	NEW Elba Twilight						
	Flocké						
	GreenScreen Evolve						
	GreenScreen Revive						
	GreenScreen Nature						
	M Screen						
	M Screen Deco						
	Natté						
	S Screen						
	S Screen Natural						
	NEW Sofia Twilight						
	Sparta Twilight						
	T Screen						
	T Screen with KoolBlack Technology						
	T Screen Deco						
	T Screen Natural						
	Vizela						
	NEW Zora Twilight						
SERGE FERRARI	Soltis Horizon 86						
	Soltis Harmony 88						
	Soltis Perform 92						
	Soltis Opaque B92						
	Soltis Master 99						

EXPLANATIONS OF CERTIFICATIONS



Cradle to Cradle Certified™ is a globally recognized measure of safer, more sustainable products made for the circular economy. It indicates the product meets or exceeds a rigorous and holistic 5-criteria standard for environmental impact. These criteria include Material Health, Material Reutilization, Energy, Water, and Social Responsibility. This approach signifies a new paradigm in Green Manufacturing – not only working to

reduce a product's negative environmental impact, but also working to increase its positive impact.



Products that are GREENGUARD Certified for low chemical emissions can contribute to the creation of healthier indoor environments, and are scientifically proven to meet some of the world's most rigorous third-party chemical emissions standards.



Texyloop® is a green project, that includes a closed-loop system for the recycling of polyester-PVC composite textiles, transforming 100% of the polyester-PVC materials into new raw materials thus preventing the need for incineration or landfill disposal.

It is an initiative of the Serge Ferrari Group.



This Phifer family of products is made from a renewable, plant-based alternative to traditional petroleum-based content, and is lead-free and phthalate-free. That means greenhouse gas emissions can be reduced by as much as 40% compared with existing PVC compounds. Using Dow bio-based plasticizers, all regulatory requirements for flame resistance are met. These products exhibit the same performance and feel of traditional vinyl, such as durability and strength, cleanability, fabric longevity, low VOC emission levels, and abrasion and UV resistance.



Microban® antimicrobial protection inhibits the growth of damaging bacteria, mold, and mildew on the fabric, without impacting aesthetics or functionality.



RoHS is the acronym for Restriction of Hazardous Substances. RoHS, also known as Directive 2002 / 95 / EC, originated in the European Union and restricts the use of specific hazardous materials found in electrical and electronic products. All applicable products in the EU market after July 1, 2006 must pass RoHS compliance.



Not a comprehensive list of fabrics. Please use this form as a reference only. Fabric information is subject to change. All measurements $\pm 5\%$. For additional colors, fabrics, openness factors, and performance data, please visit

www.draperathome.com/windowshades/shadefabric

SHADE FABRIC REFERENCE GUIDE

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PHIFER®

SheerWeave® Basic by Phifer Indoor			
38% fiberglass, 62% vinyl on fiberglass in a full basket weave			
Roll Width:	98"	Fire Protection:	NFPA 701
Bacteria & Fungi Resistant:	ASTM G21; ASTM E2180; Microban Protection		
Certifications:	GreenGuard Gold; Lead Free RoHS; REACH Compliant		
Openness Factors	1% Open	Thickness: 0.026"	Weight: 17.20 oz/sq yd
	3% Open	Thickness: 0.025"	Weight: 16.40 oz/sq yd
	5% Open	Thickness: 0.022"	Weight: 14.10 oz/sq yd

SheerWeave® Infinity 2 by Phifer Indoor			
20% TPO fiber yarn, 80% TPO coating on TPO in a full basket weave			
Roll Width:	63" & 98"	Fire Protection:	NFPA 701
Bacteria & Fungi Resistant:	ASTM G21; ASTM E2180		
Certifications:	GreenGuard Gold; Lead Free RoHS; PVC free & 100% Recyclable		
Openness Factors	1% Open	Thickness: 0.033"	Weight: 14.63 oz/sq yd
	3% Open	Thickness: 0.031"	Weight: 13.69 oz/sq yd
	5% Open	Thickness: 0.030"	Weight: 12.82 oz/sq yd

SunTex® 80 by Phifer Outdoor / Indoor			
34% fiberglass, 62% vinyl on fiberglass in a full basket weave			
Roll Width:	36", 48", 60", 72" & 96"	Fire Protection:	NFPA 101
Bacteria & Fungi Resistant:	ASTM E2180 & G21; Microban Protection		
Certifications:	GreenGuard Gold; Lead Free RoHS; REACH Compliant		
Openness Factor	25% Open	Thickness: 0.040"	Weight: 13.50 oz/sq yd

SunTex® 90 by Phifer Outdoor / Indoor			
31% polyester, 69% vinyl in a full basket weave			
Roll Width:	36", 48", 60", 72" & 96"	Fire Protection:	NFPA 101
Bacteria & Fungi Resistant:	ASTM E2180 & G21; Microban Protection		
Certifications:	GreenGuard Gold; Lead Free RoHS; REACH Compliant		
Openness Factor	10% Open	Thickness: 0.039"	Weight: 17.20 oz/sq yd

SunTex® 95 by Phifer Outdoor / Indoor			
28% polyester, 72% vinyl in a full basket weave			
Roll Width:	96"	Fire Protection:	NFPA 101
Bacteria & Fungi Resistant:	ASTM E2180 & G21; Microban Protection		
Certifications:	GreenGuard Gold; Lead Free RoHS ; REACH compliant		
Openness Factor	5% Open	Thickness: 0.029"	Weight: 15.4 oz/sq yd

SunTex® Design by Phifer Outdoor / Indoor			
31% polyester, 69% vinyl in a full basket weave			
Roll Width:	96"	Fire Protection:	NFPA 101
Bacteria & Fungi Resistant:	ASTM E2180 & G21; Microban Protection		
Certifications:	GreenGuard Gold; Lead Free RoHS ; REACH compliant		
Openness Factor	10% Open	Thickness: 0.039"	Weight: 17.20 oz/sq yd

SheerWeave® SW1000 by Phifer Outdoor / Indoor			
35% fiberglass, 65% vinyl on fiberglass in an open, ribbed weave			
Roll Width:	36", 48", 72", 84" & 96"	Fire Protection:	NFPA 701
Bacteria & Fungi Resistant:	ASTM E2180 & G21; Microban Protection		
Certifications:	GreenGuard Gold; Lead Free RoHS; REACH Compliant		
Openness Factor	25% Open	Thickness: 0.020"	Weight: 8.80 oz/sq yd

SheerWeave® SW2000 / *2100 by Phifer Outdoor / Indoor			
37% vinyl on fiberglass, 63% PVC in a full basket weave			
Roll Width:	63", 98" & 126"	Fire Protection:	NFPA 701
Bacteria & Fungi Resistant:	ASTM E2180 & G21; Microban Protection, REACH Compliant		
Certifications:	GreenGuard Gold; Lead Free RoHS		
Openness Factors	2000 5% Open	Thickness: 0.019"	Weight: 14.26 oz/sq yd
	2100 10% Open	Thickness: 0.020"	Weight: 12.40 oz/sq yd

*126" available on SW2100 only as a special order and will have longer lead times.

SheerWeave® SW2400(2410) / 2500 / 2600(2360) / 2900(2390) by Phifer Indoor / Outdoor			
35% fiberglass 65% PVC on fiberglass in a full basket weave			
Roll Width:	63", 96" & 126"	Fire Protection:	NFPA 701
Bacteria & Fungi Resistant:	ASTM E2180 & G21; Microban Protection		
Certifications:	GreenGuard Gold; Lead Free RoHS; REACH Compliant		
Openness Factors	SW2400 3% Open	Thickness: 0.019"	Weight: 14.10 oz/sq yd
	SW2500 1% Open	Thickness: 0.024"	Weight: 16.25 oz/sq yd
	SW2600 10% Open	Thickness: 0.017"	Weight: 10.50 oz/sq yd
	SW2900 5% Open	Thickness: 0.017"	Weight: 11.80 oz/sq yd

SheerWeave® SW2701 / 2703 / 2705 / 2710 by Phifer Indoor / Outdoor			
36% fiberglass, 64% vinyl on fiberglass in a twill weave			
Roll Width:	63", 98" & 126"	Fire Protection:	NFPA 701
Bacteria & Fungi Resistant:	ASTM E2180 & G21; Microban Protection		
Certifications:	GreenGuard Gold; Lead Free RoHS; REACH Compliant		
Openness Factors	SW2701 1% Open	Thickness: 0.027"	Weight: 14.60 oz/sq yd
	SW2703 3% Open	Thickness: 0.028"	Weight: 14.00 oz/sq yd
	SW2705 5% Open	Thickness: 0.025"	Weight: 11.80 oz/sq yd
	SW2710 10% Open	Thickness: 0.025"	Weight: 10.40 oz/sq yd

SheerWeave® SW3000 by Phifer Indoor / Outdoor			
35% fiberglass, 65% vinyl on fiberglass in an open, ribbed weave			
Roll Width:	72" & 96"	Fire Protection:	NFPA 701
Bacteria & Fungi Resistant:	ASTM E2180 & G21; Microban Protection		
Certifications:	GreenGuard Gold; Lead Free RoHS; REACH Compliant		
Openness Factor	14% Open	Thickness: 0.028"	Weight: 13.46 oz/sq yd

SheerWeave® PW3500 (4000) / 4100 / 4400 by Phifer Indoor / Outdoor			
25% polyester, 75% PVC on polyester in a full basketweave			
Roll Width:	63", 84", 98" & 126"	Fire Protection:	NFPA 701
Bacteria & Fungi Resistant:	ASTM E2180 & G21; Microban Protection		
Certifications:	GreenGuard Gold; Lead Free RoHS		
Openness Factors	SW3500 5% Open	Thickness: 0.036"	Weight: 19.20 oz/sq yd
	SW4100 10% Open	Thickness: 0.035"	Weight: 17.50 oz/sq yd
	SW4400 3% Open	Thickness: 0.037"	Weight: 20.70 oz/sq yd

SheerWeave® PW4500 / 4600 by Phifer Indoor / Outdoor			
17% polyester, 83% PVC on polyester in a full basket weave			
Roll Width:	63", 98" & 126"	Fire Protection:	NFPA 701
Bacteria & Fungi Resistant:	ASTM E2180 & G21; Microban Protection		
Certifications:	GreenGuard Gold; Lead Free RoHS; REACH Compliant		
Openness Factors	PW4500 5% Open	Thickness: 0.024"	Weight: 14.40 oz/sq yd
	PW4600 3% Open	Thickness: 0.030"	Weight: 17.40 oz/sq yd

SheerWeave® PW4550 / 4650 by Phifer Indoor / Outdoor			
17% polyester, 83% PVC on polyester in a directional weave			
Roll Width:	63" & 98"	Fire Protection:	NFPA 701
Bacteria & Fungi Resistant:	ASTM E2180 & G21; Microban Protection		
Certifications:	GreenGuard Gold; Lead Free RoHS; REACH Compliant		
Openness Factors	PW4550 5% Open	Thickness: 0.025"	Weight: 12.50 oz/sq yd
	PW4650 3% Open	Thickness: 0.026"	Weight: 13.30 oz/sq yd

SHADE FABRIC REFERENCE GUIDE

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PHIFER®

SheerWeave® PW4800 by Phifer Indoor / Outdoor			
24% polyester, 76% vinyl on polyester in a directional weave			
Roll Width:	63", 96" & 126"	Fire Protection:	NFPA 701
Bacteria & Fungi Resistant:	ASTM E2180 & G21; Microban Protection		
Certifications:	GreenGuard Gold; Lead Free RoHS; REACH Compliant		
Openness Factor	1% Open	Thickness: 0.036"	Weight: 18.50 oz/sq yd

SheerWeave® PW4901 / 4903 by Phifer Outdoor / Indoor			
17% polyester, 83% PVC on polyester in a twill weave			
Roll Width:	63" & 98"	Fire Protection:	NFPA 701
Bacteria & Fungi Resistant:	ASTM E2180 & G21; Microban Protection		
Certifications:	GreenGuard Gold; Lead Free RoHS; REACH Compliant		
Openness Factors	PW4901 1% Open	Thickness: 0.028"	Weight: 16.20 oz/sq yd
	PW4903 3% Open	Thickness: 0.027"	Weight: 14.90 oz/sq yd

SheerWeave® SW5000 by Phifer Indoor / Outdoor			
Polyester yarn with a PVC coating in a decorative weave. Composition % varies by color.			
Roll Width:	74" & 98"	Fire Protection:	Varies by color
Bacteria & Fungi Resistant:	ASTM E2180 & G21; Microban Protection		
Certifications:	GreenGuard Gold; Lead Free RoHS; REACH Certified		
Openness Factor	Varies by Color	Thickness: Varies	Weight: Varies by color

SheerWeave® SW7000 Privacy by Phifer Indoor			
100% polyester with acrylic foam privacy backing			
Roll Width:	94" & 118"	Fire Protection:	NFPA 701
Bacteria & Fungi Resistant:	ASTM G21		
Certifications:	GreenGuard Gold; Lead Free RoHS; PVC Free		
Openness Factor	0% Open Privacy:	Thickness: 0.026"	Weight: 13.41 oz/sq yd

SheerWeave® SW7100 Privacy by Phifer Indoor			
PVC-coated fiberglass laminated with a 2-ply PVC privacy film			
Roll Width:	63" & 96"	Fire Protection:	NFPA 701
Bacteria & Fungi Resistant:	ASTM E2180 & G21; Microban Protection		
Certifications:	GreenGuard Gold; Lead Free RoHS; REACH Compliant		
Openness Factor	0% Open Privacy	Thickness: 0.023"	Weight: 19.80 oz/sq yd

SheerWeave® SW7400 Privacy by Phifer Indoor			
100% polyester with acrylic foamed backing in a decorative weave			
Roll Width:	118"	Fire Protection:	NFPA 701
Bacteria & Fungi Resistant:	ASTM G21		
Certifications:	GreenGuard Gold; Lead Free RoHS; PVC Free		
Openness Factor	0% Open Privacy	Thickness: 0.029"	Weight: 12.53 oz/sq yd

SheerWeave® SW7450 by Phifer Indoor			
100% polyester with acrylic coating in a decorative weave			
Roll Width:	118"	Fire Protection:	NFPA 701
Bacteria & Fungi Resistant:	ASTM G21		
Certifications:	GreenGuard Gold; Lead Free RoHS; PVC Free		
Openness Factor	Light Filtering	Thickness: 0.0118"	Weight: 6.19 oz/sq yd

SheerWeave® SW7500 Privacy by Phifer Indoor			
100% polyester with acrylic coating			
Roll Width:	118"	Fire Protection:	NFPA 701
Bacteria & Fungi Resistant:	ASTM E2180 & G21		
Certifications:	GreenGuard Gold; Lead Free RoHS; PVC Free		
Openness Factor	0% Open Privacy	Thickness: 0.014"	Weight: 12.40 oz/sq yd

SheerWeave® SW7800/7850 by Phifer Indoor			
100% polyester with acrylic coating			
Roll Width:	118"	Fire Protection:	NFPA 701
Bacteria & Fungi Resistant:	ASTM E2180 & G21; Microban Protection		
Certifications:	GreenGuard Gold; Lead Free RoHS; PVC Free		
Openness Factor	SW7800 0% Open	Thickness: 0.026"	Weight: 12.09 oz/sq yd
	SW7850 0% Open	Thickness: 0.027"	Weight: 7.4 oz/sq yd

SheerWeave® SW8000 by Phifer Indoor			
100% polyester			
Roll Width:	118"	Fire Protection:	NFPA 701
Bacteria & Fungi Resistant:	ASTM E2180 & G21; Microban Protection		
Certifications:	GreenGuard Gold; Lead Free RoHS; PVC Free		
Openness Factor	3% Openness	Thickness: 0.019"	Weight: 6.3 oz/sq yd

DRAPER® OPAQUES

Apagón by Draper Indoor			
3 Ply: 62.1% vinyl, 31.6% fiberglass, 6.2% Proprietary Coating			
Roll Width:	98"	Fire Protection:	NFPA 701
Bacteria & Fungi Resistant:			
Certifications:			
Openness Factor	Opaque	Thickness: 0.013"	Weight: 12.8 oz/sq yd

SunBloc Privacy by Draper Indoor			
Opaque, close woven 27% fiberglass base textile with 73% sun-resistant vinyl film bonded to each side. Same color both sides.			
Roll Width:	72"	Fire Protection:	NFPA 701
Bacteria & Fungi Resistant:	ASTM E2180 & G21		
Certifications:	GreenGuard Gold		
Openness Factor	Opaque	Thickness: 0.015"	Weight: 12.0 oz/sq yd

SunBloc SB9100 Privacy by Draper Indoor			
Opaque, close woven 27% fiberglass base textile with 73% sun-resistant vinyl film bonded to each side. Color roomside, white streetside.			
Roll Width:	72"	Fire Protection:	NFPA 701
Bacteria & Fungi Resistant:	ASTM G21		
Certifications:	GreenGuard Gold		
Openness Factor	Opaque	Thickness: 0.013"	Weight: 12.5 oz/sq yd



ABOVE: University of New Mexico Physics and Astronomy Building. Architect: Van H. Gilbert Architect PC. Photography: Matt Oberer, MattO Photo, Albuquerque, NM. Products: Draper® FlexShade® 2, Motorized FlexShade®, Manual FlexShade® XD. Fabric: Phifer 2705 Oyster/Pearl Grey, Draper SunBloc SB9060 Dark Grey. Dealer/Installer: Motorized Sun Solutions.

SHADE FABRIC REFERENCE GUIDE

PLEASE USE THIS CHART AS A REFERENCE *ONLY* - Fabric information is subject to change. Visit draperathome.com/windowshades/shadefabric/ for the most up to date fabrics.

MERMET®

E Screen™ by Mermet Interior / Exterior			
36% fiberglass, 64% PVC on fiberglass in a full basket weave			
Roll Width:	78", 98" & 122"	Fire Protection:	NFPA 701
Bacteria & Fungi Resistant:	ASTM E2180 & G21		
Certifications:	GreenGuard Gold; Lead Free RoHS		
Openness Factors	0.5% Open	Thickness: 0.023"	Weight: 13.54 oz/sq yd
	1% Open	Thickness: 0.020"	Weight: 13.30 oz/sq yd
	3% Open	Thickness: 0.017"	Weight: 11.60 oz/sq yd
	5% Open	Thickness: 0.016"	Weight: 10.70 oz/sq yd
	10% Open	Thickness: 0.020"	Weight: 10.30 oz/sq yd

E Screen™ with KOOLBLACK® Technology by Mermet Interior			
36% fiberglass, 64% PVC on fiberglass in a full basket weave			
Roll Width:	98" & 122"	Fire Protection:	NFPA 701
Bacteria & Fungi Resistant:	ASTM E2180 & G21		
Certifications:	GreenGuard Gold, Lead Free RoHS; KoolBlack Technology incorporates reflective properties into dark color fabrics to improve solar heat gain coefficient		
Openness Factors	1% Open	Thickness: 0.021"	Weight: 12.95 oz/sq yd
	3% Open	Thickness: 0.020"	Weight: 11.30 oz/sq yd
	5% Open	Thickness: 0.019"	Weight: 10.60 oz/sq yd

E Screen Deco™ by Mermet Interior			
36% fiberglass, 64% PVC on fiberglass in a full basket weave			
Roll Width:	98" & 122"	Fire Protection:	NFPA 701
Bacteria & Fungi Resistant:	ASTM E2180 & G21		
Certifications:	GreenGuard Gold; Lead Free RoHS		
Openness Factors	1% Open	Thickness: 0.022"	Weight: 12.30 oz/sq yd
	3% Open	Thickness: 0.019"	Weight: 11.50 oz/sq yd

NEW Elba Twilight™ by Mermet Interior			
100% Polyester with an acrylic coating			
Roll Width:	118"	Fire Protection:	
Bacteria & Fungi Resistant:	ASTM E2180 & E84		
Certifications:	GreenGuard Gold; RoHS Compliant		
Openness Factors	Opaque	Thickness: 0.027"	Weight: 11.80 oz/sq yd

Flocké® Privacy by Mermet Interior			
42% fiberglass, 51% acrylic and 7% cotton flocked Privacy backing			
Roll Width:	94.5"	Fire Protection:	NFPA 701
Bacteria & Fungi Resistant:			
Certifications:	RoHS Compliant		
Openness Factor	0% Open Privacy	Thickness: 0.020"	Weight: 15.93 oz/sq yd

Green Screen Evolve® by Mermet Interior			
Zero waste, 100% recyclable, PVC free designer fabric constructed primarily of Repreve polyester in a diamond knit			
Roll Width:	118"	Fire Protection:	NFPA 701
Bacteria & Fungi Resistant:	ASTM E2180 & G21		
Certifications:	GreenGuard Gold; Lead Free RoHS; Cradle to Cradle Bronze; PVC Free		
Openness Factors	3% Open	Thickness: 0.027"	Weight: 8.41 oz/sq yd

Greenscreen® Nature™ by Mermet Interior			
100% fiberglass in a mock leno weave			
Roll Width:	94.5"	Fire Protection:	NFPA 701
Bacteria & Fungi Resistant:	ASTM E2180 & G21		
Certifications:	GreenGuard Gold, Lead Free RoHS		
Openness Factors	5% Open	Thickness: 0.010"	Weight: 5.10 oz/sq yd

Greenscreen Revive® by Mermet Interior			
Zero waste, 100% recyclable, PVC free designer fabric minimum of 89% Repreve recycled polyester in a diamond knit			
Roll Width:	118"	Fire Protection:	NFPA 701
Bacteria & Fungi Resistant:	ASTM G21		
Certifications:	GreenGuard Gold, Cradle to Cradle Bronze, Lead Free RoHS, PVC Free		
Openness Factors	1% Open	Thickness: 0.019"	Weight: 5.87 oz/sq yd
	5% Open	Thickness: 0.017"	Weight: 5.01 oz/sq yd

M Screen™ by Mermet Interior / Exterior			
36% fiberglass, 64% PVC on fiberglass in a full rib weave			
Roll Width:	78", 98" & 122"	Fire Protection:	NFPA 701
Bacteria & Fungi Resistant:	ASTM E2180 & G21		
Certifications:	GreenGuard Gold; Lead Free RoHS		
Openness Factors	1% Open	Thickness: 0.022"	Weight: 13.12 oz/sq yd
	3% Open	Thickness: 0.022"	Weight: 12.70 oz/sq yd
	5% Open	Thickness: 0.022"	Weight: 11.30 oz/sq yd

M Screen Deco™ by Mermet Interior			
36% fiberglass, 64% PVC on fiberglass in a full rib weave			
Roll Width:	98"	Fire Protection:	NFPA 701
Bacteria & Fungi Resistant:	ASTM E2180 & G21		
Certifications:	GreenGuard Gold; Lead Free RoHS		
Openness Factors	3% Open	Thickness: 0.023"	Weight: 12.21 oz/sq yd
	5% Open	Thickness: 0.020"	Weight: 11.30 oz/sq yd

Natté by Mermet Exterior / Interior			
42% fiberglass, 58% PVC on fiberglass in a full basket weave			
Roll Width:	98"	Fire Protection:	NFPA 701
Bacteria & Fungi Resistant:	ASTM E2180 & G21		
Certifications:	GreenGuard Gold; Lead Free RoHS		
Openness Factors	5% Open	Thickness: 0.022"	Weight: 14.13 oz/sq yd
	10% Open	Thickness: 0.021"	Weight: 13.48 oz/sq yd

S Screen™ by Mermet Interior / Exterior			
33.6% fiberglass, 59.6% vinyl, 6.8% polyester			
Roll Width:	122"	Fire Protection:	NFPA 701
Bacteria & Fungi Resistant:	ASTM E2180 & G21		
Certifications:	GreenGuard Gold; Lead Free RoHS		
Openness Factors	4% Open	Thickness: 0.037"	Weight: 18.9 oz/sq yd
	1% Open	Thickness: 0.041"	Weight: 19.1 oz/sq yd

S Screen Naturals™ by Mermet Interior / Exterior			
33.6% fiberglass, 59.6% vinyl, 6.8% polyester			
Roll Width:	98"	Fire Protection:	NFPA 701
Bacteria & Fungi Resistant:	ASTM E2180 & G21		
Certifications:	GreenGuard Gold; Lead Free RoHS		
Openness Factors	5% Open	Thickness: 0.042"	Weight: 15 oz/sq yd

Satiné™ by Mermet Interior / Exterior			
42% fiberglass, 58% vinyl			
Roll Width:	122"	Fire Protection:	
Bacteria & Fungi Resistant:			
Certifications:			
Openness Factors	5% Open	Thickness: 0.032"	Weight: 15.4 oz/sq yd
	1% Open	Thickness: 0.033"	Weight: 17.8 oz/sq yd

NEW Sofia Twilight™ by Mermet Interior			
100% Polyester with an acrylic coating			
Roll Width:	118"	Fire Protection:	
Bacteria & Fungi Resistant:	ASTM E2180 & E84		
Certifications:	GreenGuard Gold; RoHS Compliant		
Openness Factors	Opaque	Thickness: 0.019"	Weight: 11oz/sq yd

SHADE FABRIC REFERENCE GUIDE

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MERMET® (CONTINUED)

Sparta Twilight™ by Mermet® Interior			
33% Polyester, 67% Acrylic			
Roll Width:	126"	Fire Protection:	NFPA 701
Bacteria & Fungi Resistant:	ASTM E2180 & G21		
Certifications:	GreenGuard Gold; Lead Free RoHS		
Openness Factors	Opaque	Thickness: 0.014"	Weight: 9.9 oz/sq yd

9803** 3% (Formerly T Screen) by Mermet Interior / Exterior			
36% fiberglass, 64% PVC on fiberglass in an offset twill weave			
Roll Width:	98"	Fire Protection:	NFPA 701
Bacteria & Fungi Resistant:	ASTM E2180 & G21		
Certifications:	GreenGuard Gold; Lead Free RoHS		
Openness Factor	3% Open	Thickness: 0.025"	Weight: 11.60 oz/sq yd

T Screen Natural™ by Mermet Interior			
36% fiberglass, 64% PVC on fiberglass in a satin weave			
Roll Width:	122"	Fire Protection:	NFPA 701
Bacteria & Fungi Resistant:	ASTM E2180 & G21		
Certifications:	GreenGuard Gold; Lead Free RoHS;		
Openness Factors	1% Open	Thickness: 0.027"	Weight: 13.83 oz/sq yd
	3% Open	Thickness: 0.027"	Weight: 12.59 oz/sq yd
	5% Open	Thickness: 0.024"	Weight: 12.24 oz/sq yd

T Screen™ by Mermet Interior			
36% fiberglass, 64% PVC			
Roll Width:	78", 122"	Fire Protection:	NFPA 701
Bacteria & Fungi Resistant:	ASTM E2180 & G21		
Certifications:	GreenGuard Gold; Lead Free RoHS;		
Openness Factors	1% Open	Thickness: 0.027"	Weight: 13.83 oz/sq yd
	3% Open	Thickness: 0.027"	Weight: 12.59 oz/sq yd

T Screen™ with KOOLBLACK® Technology by Mermet Interior			
36% fiberglass, 64% PVC on fiberglass in a satin weave			
Roll Width:	98" & 122"	Fire Protection:	NFPA 701
Bacteria & Fungi Resistant:	ASTM E2180 & G21		
Certifications:	GreenGuard Gold; Lead Free RoHS; KoolBlack Technology incorporates reflective properties into dark color fabrics to improve solar heat gain coefficient		
Openness Factors	1% Open	Thickness: 0.024"	Weight: 13.54 oz/sq yd
	3% Open	Thickness: 0.029"	Weight: 13.27 oz/sq yd
	5% Open	Thickness: 0.027"	Weight: 12.48 oz/sq yd

T Screen Deco™ by Mermet Interior			
36% fiberglass, 64% PVC on fiberglass in a satin weave			
Roll Width:	122"	Fire Protection:	NFPA 701
Bacteria & Fungi Resistant:	ASTM E2180 & G21		
Certifications:	GreenGuard Gold; Lead Free RoHS;		
Openness Factors	1% Open	Thickness: 0.028"	Weight: 13.76 oz/sq yd
	3% Open	Thickness: 0.028"	Weight: 12.98 oz/sq yd
	5% Open	Thickness: 0.028"	Weight: 11.89 oz/sq yd

Vizela™ by Mermet Interior			
100% fiberglass with an EVA coating in a rib weave			
Roll Width:	94.5"	Fire Protection:	NFPA 701
Bacteria & Fungi Resistant:	ASTM E2180 & G21		
Certifications:	GreenGuard Gold; RoHS Compliant		
Openness Factors	1% Open	Thickness: 0.013"	Weight: 8.70 oz/sq yd

NEW Zora Twilight™ by Mermet Interior			
100% Polyester with an acrylic coating			
Roll Width:	126"	Fire Protection:	
Bacteria & Fungi Resistant:	ASTM E2180 & E84		
Certifications:	GreenGuard Gold; RoHS Compliant		
Openness Factors	Opaque	Thickness: 0.021"	Weight: 12.80 oz/sq yd

SERGE FERRARI

Soltis® Opaque B92 by Ferrari Exterior / Interior			
PVC-coated polyester and pre-tensioning process for dimensional stability			
Roll Width:	66.9"	Fire Protection:	NFPA 701
Bacteria & Fungi Resistant:			
Certifications:	GreenGuard Gold; Texyloop Certified		
Openness Factors	0% Privacy:	Thickness: 0.024"	Weight: 19.20 oz/sq yd

Soltis® Horizon 86 by Ferrari Exterior / Interior			
PVC-coated polyester and pre-tensioning process for dimensional stability			
Roll Width:	69.7" & 105.1"	Fire Protection:	NFPA 701
Bacteria & Fungi Resistant:			
Certifications:	GreenGuard Gold; Texyloop Certified		
Openness Factors	14% Open	Thickness: 0.017"	Weight: 11.21 oz/sq yd

Soltis® Harmony 88 by Ferrari Exterior / Interior			
PVC-coated polyester and pre-tensioning process for dimensional stability			
Roll Width:	69.7" & 105.1"	Fire Protection:	NFPA 701
Bacteria & Fungi Resistant:			
Certifications:	GreenGuard Gold; Texyloop Certified		
Openness Factors	8% Open	Thickness: 0.018"	Weight: 9.75 oz/sq yd

Soltis® Perform 92 by Ferrari Exterior / Interior			
PVC-coated polyester and pre-tensioning process for dimensional stability			
Roll Width:	69.7" & 105.1"	Fire Protection:	NFPA 701
Bacteria & Fungi Resistant:			
Certifications:	GreenGuard Gold; Texyloop Certified		
Openness Factors	4% Open	Thickness: 0.018"	Weight: 12.40 oz/sq yd

Soltis® Master 99 by Ferrari Exterior / Interior			
PVC-coated polyester with Silver backing exterior facing side and pre-tensioning process for dimensional stability			
Roll Width:	69.7" & 105.1"	Fire Protection:	NFPA 701
Bacteria & Fungi Resistant:			
Certifications:	GreenGuard Gold; Texyloop Certified		
Openness Factors	3% Open	Thickness: 0.013"	Weight: 8.50 oz/sq yd

VEROSOL

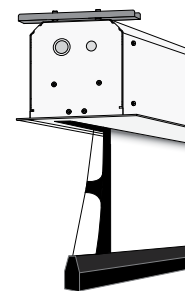
SilverScreen by Verosol Interior			
36% fiberglass and 64% vinyl, with ultra-fine aluminum backing on streetside for glare control.			
Roll Width:	75" & 94"	Fire Protection:	NFPA 701
Bacteria & Fungi Resistant:	ASTM G21		
Certifications:	GreenGuard Gold		
Openness Factor	4% Open	Thickness: 0.020"	Weight: 14.11 oz/sq yd

RESIDENTIAL AUDIOVISUAL SOLUTIONS

DRAPER®
AT HOME



Access comes in sizes up to 16' wide, with an efficient profile to maximize space. The hinged door cover makes installation and service easier. Access V is a tab-tensioned screen designed for ceiling-recessed installation. White finished case. "Plug-in" wiring connections allow installation of case early and screen later. Plenum rated case (UL approved "Suitable for Use in Environmental Air Space"). Includes one 110-120V 3-position switch. An Access case may be ordered and installed prior to selecting screen size, type, and format. *Freight Class 125.*



STANDARD SPECS

Sizes and Formats: Custom sizes by quotation. Custom sizes need to be specified in detail, including extra drop, if desired.

Case Dimensions: Case Dimensions 7³/₈" high x 8¹/₁₆" deep including trim flange. Mounting brackets may add to both dimensions. See Submittal in the Technical Documents tab at www.draperinc.com for details. Extra drop may increase case size: call for dimensions.

Black Borders: Image area fully framed with black. 12" black drop at top of viewing surface (standard).

OPTIONS

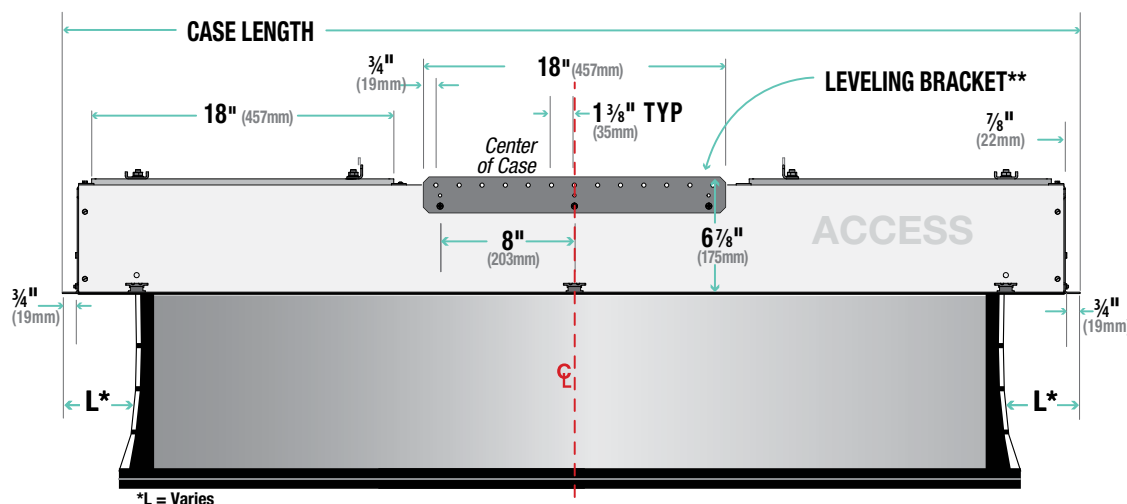
Motor/Control Options:

Quiet Motor (Q) or Built-in Low-Voltage Controller (U) available. 220V motor is also available.

Case Options: Black case available on request at an additional cost per lineal foot.

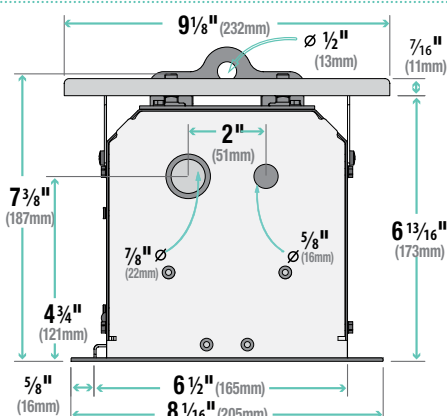
Extra Drop: Additional drop above image (specify color—12" black is standard; surface color available on request). May increase case length.

Case Dimensions and Methods of Installation



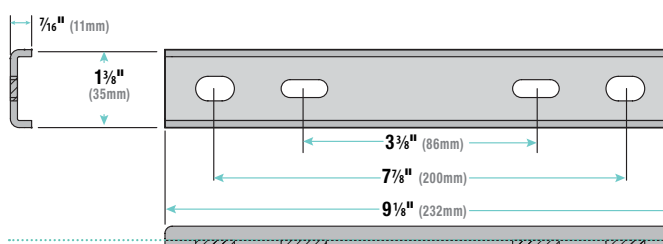
*L = Varies

- For minimum length of ceiling cutout: subtract 1¹/₄" (32mm) from case length (measured from outer edge of flanges).
- For minimum width of cutout (front to back): see case width dimensions below.
- **Leveling bracket is used to level the case and should NOT be used to support the weight of the unit.
- The leveling bracket is screwed to the side of the case and remains stationary. Hardware used for leveling provided by others.
- There are several knock-outs in the screen housing to allow the Leveling Bracket to be adjusted laterally up to 16" (40.6cm) in either direction.



Standard Motor Wiring is on the AUDIENCE LEFT END of Screen Case.

Mounting Brackets



ACUMEN® V

Tab-tensioned electric screen

Designed for maximum flexibility, Acumen V offers an attractive below-the-ceiling projection screen engineered to meet the demands of heavy use and still look nice in today's interiors. A smooth, curved aluminum housing and white powder coated finish complement any room design. Includes floating wall brackets and floating ceiling brackets. RF welded tabs create a more durable seal that eliminates separation and stickiness. Fascia is easily removable if maintenance is required. Freight Class 125.

7 YEAR WARRANTY
US & CANADA ONLY



STANDARD SPECS

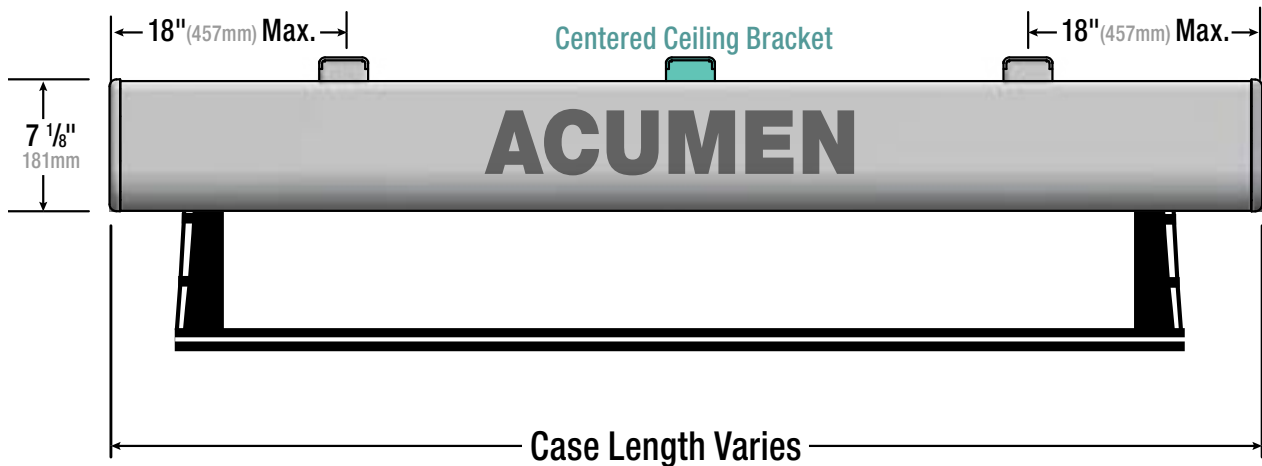
- **Low-Voltage Controller: Acumen V screens include a built in LVC-IV as standard.** The LVC-IV includes the RF receiver, RS232 capabilities, IR capabilities, dry contact relays, and a VIC trigger for 4V-28V.
- **Case Dimensions:** 7 1/8" H x 5 7/8" D.
- **Black Borders:** Image area fully framed with black; includes standard 12" black drop at top of viewing area.

Installation Brackets: Floating wall brackets and ceiling brackets included as standard.

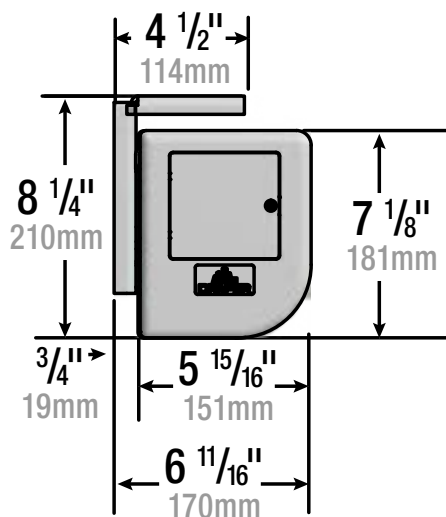
OPTIONS

- **Motor/Control Options:** (Q) Quiet Motor available at additional cost. 220V motor is also available at no extra cost.
- **Extra Drop:** Additional drop above image (black standard; surface color available on request). Extra drop may increase case length.
- **Finish Options:** White standard. Black finish available at no extra charge.

Case Dimensions



End of Case Dimensions



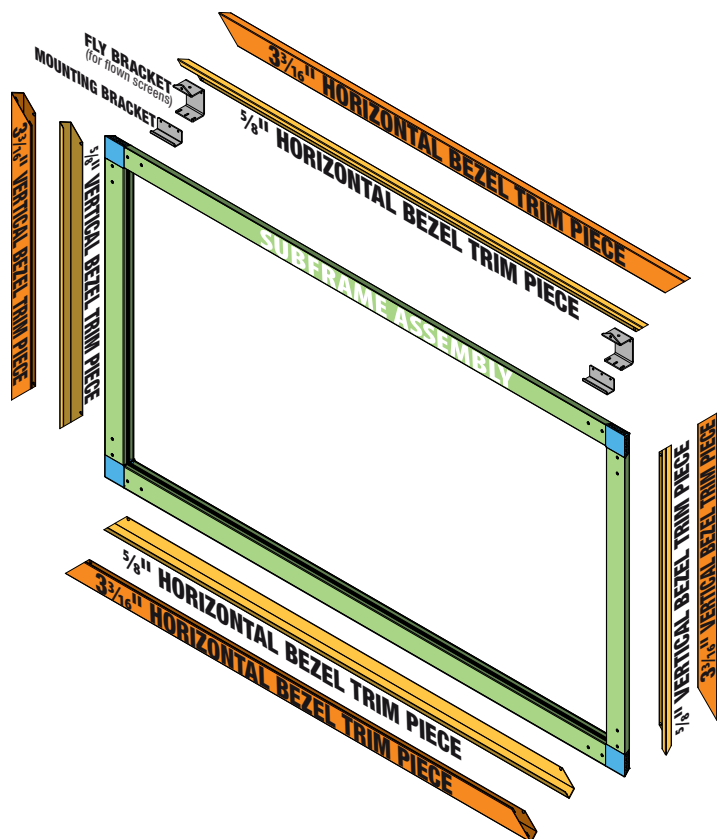
One Fixed Projection Screen—Three Standard Border Options

StyleLine™ distinguishes itself as a unique fixed projection screen model, available with three standard border options to suit a variety of style preferences. Select a Fine or Bold bezel, each accentuated by a Vel-Tex overlay with mitered corners for a smooth, finished look. The borderless option eliminates any visible frame for an uninterrupted viewing experience. The viewing surface easily attaches to the lightweight aluminum frame via hook and loop. Further enhance your display by using the built-in rear channel to add custom LED backlighting (from third-party sources) and create a radiant glow that's sure to impress!

• Custom sizes, by quotation.

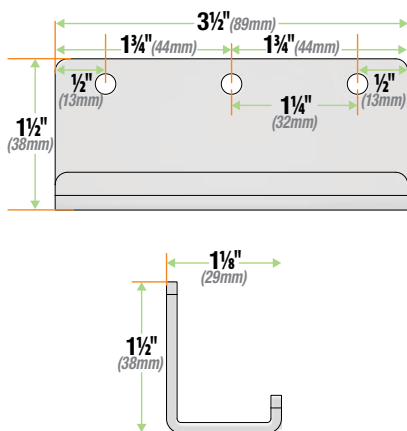
Available Viewing Surfaces:

- Matt White XT1000VB
- Grey XH600V
- ClearSound NanoPerf XT1000V
- CineFlex CH1200V (3 3/16" bezel Only)
- CineFlex White XT700V (3 3/16" bezel Only)
- TecVision Surfaces

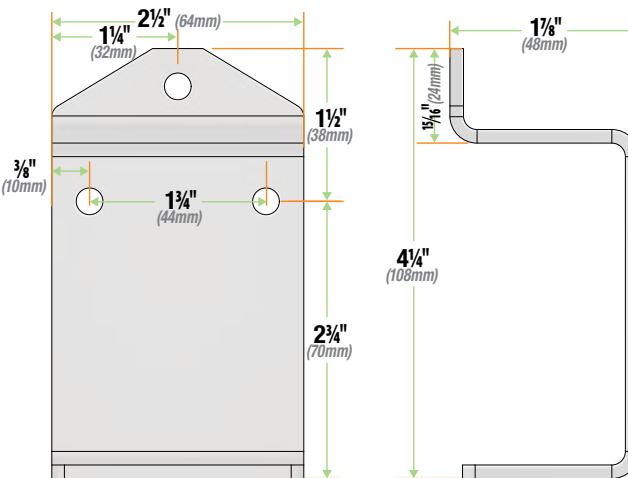


Mounting Bracket Dimensions

Wall Mounting Bracket



Mounting Bracket for flown screens



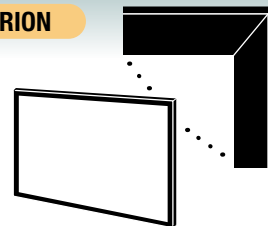
CLARION

Fixed projection screen

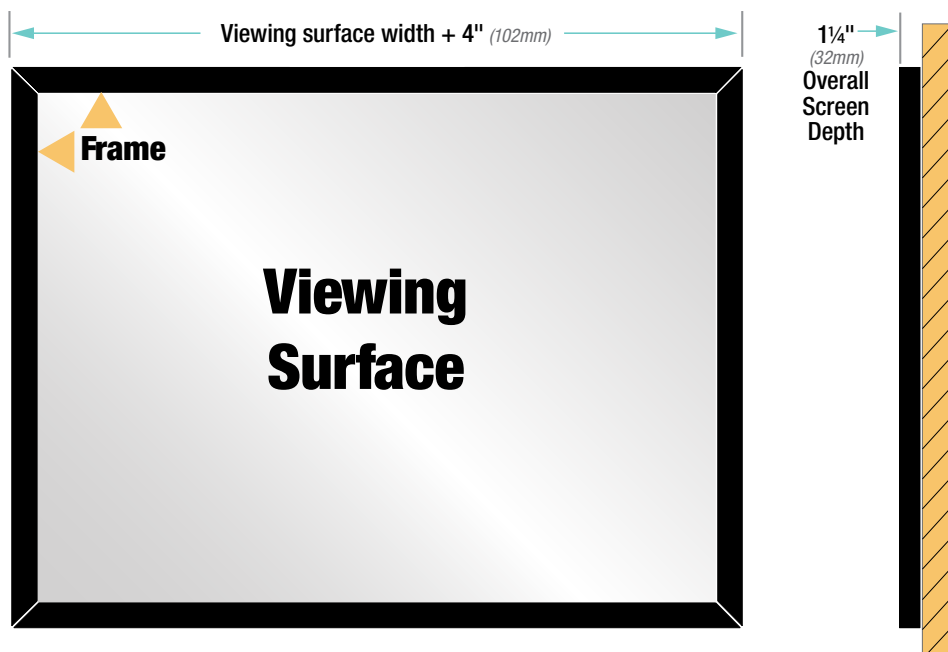
The Clarion's aluminum frame forms an attractive 2" border for a clean, theatre-like appearance. The standard frame color is black. Fabric attaches without snaps for quick assembly and a perfectly smooth viewing surface. Permanent wall mounting brackets included. **Overall widths below 108" are Freight Class 85 P+, all others Freight Class 85.**

- **Options:** Custom sizes available by quotation. Vel-Tex, a black velvety textile covering, is a recommended option for concealing all trace of frame joints and cuts reflection. To include Vel-Tex on a Clarion screen where it is not standard, add the letter "V" after the part number when ordering (for example, Part number 252019V).

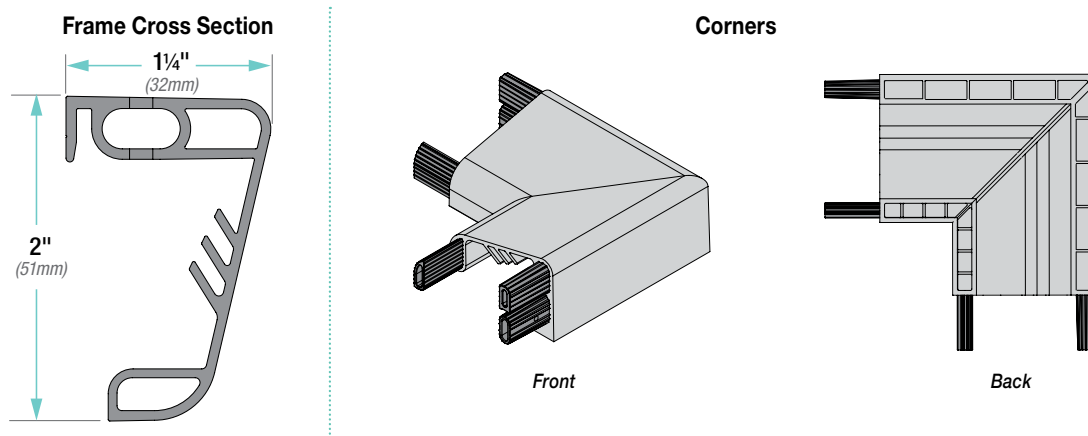
CLARION



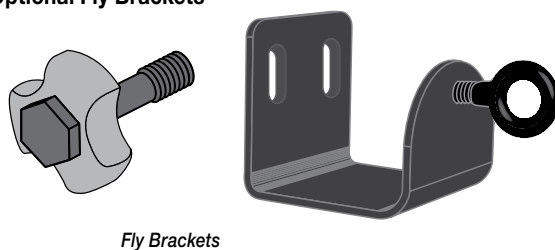
Dimensions



Frame Components - Detail



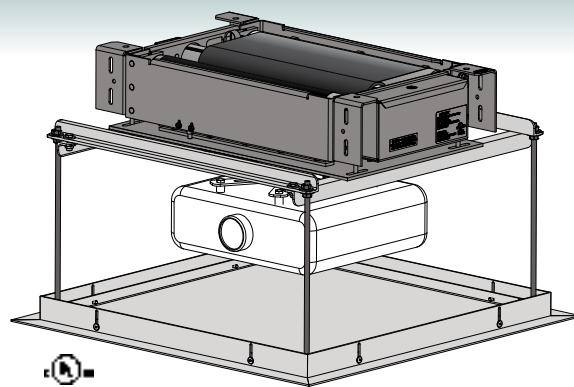
Optional Fly Brackets



AEROLIFT


The cleverly designed AeroLift keeps overall footprint and height to a minimum. All models are UL listed! Choose your model based on desired weight capacity: 35, 100, or 150 pounds. The AeroLift is powered by a motor-in-roller design, and features a stabilizing arm, which can also be used for cable management. Built-in adjustability allows you to deal with job site conditions quickly and easily. Projector may be mounted flush to bottom pan.

Note: The AeroLift may also be used to recess speakers, security cameras, video conferencing cameras, or document cameras.



AeroLift 35 shown with optional small closure panel

AeroLift Projector Lifts

Model	*Lifting Capacity (lbs.)	Travel Distance	 Part No.	Shipping Wt./lbs.	Freight Class
AeroLift 35	35	24 1/2"	300319	36	77.5
AeroLift 100	100	38 1/2"	300321	52	77.5
AeroLift 150	150	38 1/2"	300323	84	77.5

AEROLIFT 35

AEROLIFT 100

AEROLIFT 150

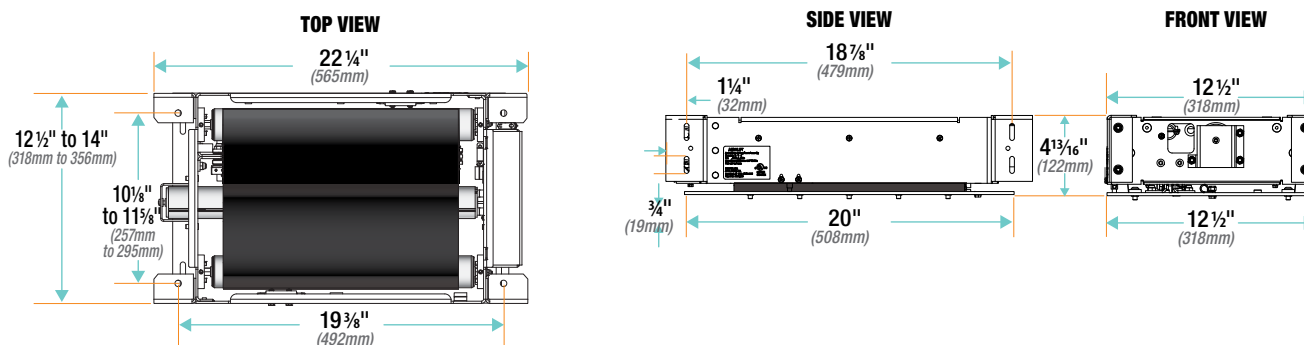
***NET Weight of Projector + Mount + Closure Panel + Cables**

AeroLift Optional Accessories

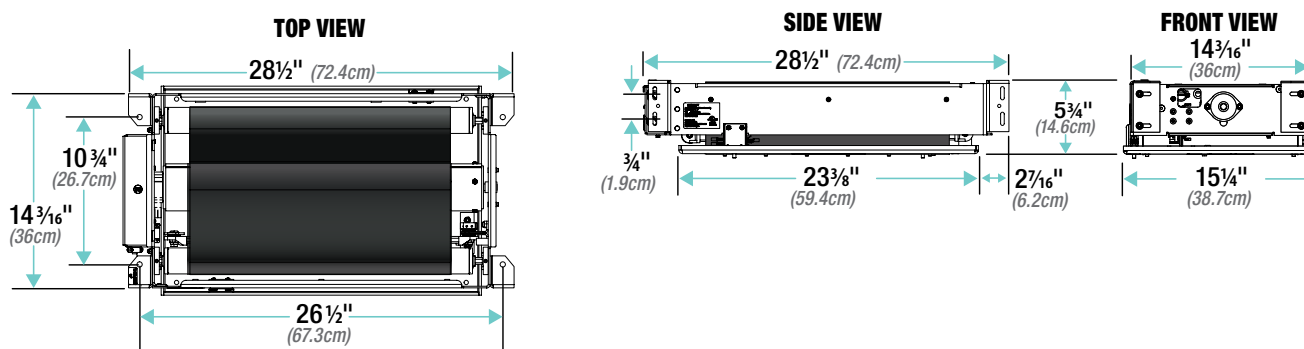
Accessory Description	White Part No.	Black Part No.
For AeroLift 35		
Small Environmental Airspace Housing (14 ⁹ / ₁₆ " x 23 ⁷ / ₁₆ ")	300222	300576
Small Ceiling Closure Panel (15 ⁵ / ₁₆ " x 25")	300223	300577
Small Ceiling Finish Kit	300224	300578
Large Environmental Airspace Housing—23 ¹ / ₂ " x 23 ¹ / ₂ "—For 2' x 2' grid ceiling	300200	300573
Ceiling Closure Panel—For 2' x 2' grid ceiling	300201	300574
Ceiling Finish Kit (Closure and trim ring)—For 2' x 2' grid ceiling	300202	300575
For AeroLift 100		
Environmental Airspace Housing	300280	300584
Ceiling Closure Panel	300289	300583
Ceiling Finish Kit (Closure and trim ring)	300284	300582
For AeroLift 150		
Environmental Airspace Housing	300281	300587
Ceiling Closure Panel	300331	300586
Ceiling Finish Kit (Closure and trim ring)	300334	300585
For All AeroLifts		
Ceiling Access Door for above-ceiling access. White Finish.	300007	--
Ceiling Access Door to accept ceiling tile for above-ceiling access.	300008	--
Universal Projector Mount (maximum load of 26 lbs)	300212	300215
Multiple Axis Adjustment Projector Mount (Medium, For Aerolift 100 and 150) For projectors 26-200 lbs.	300454	300453



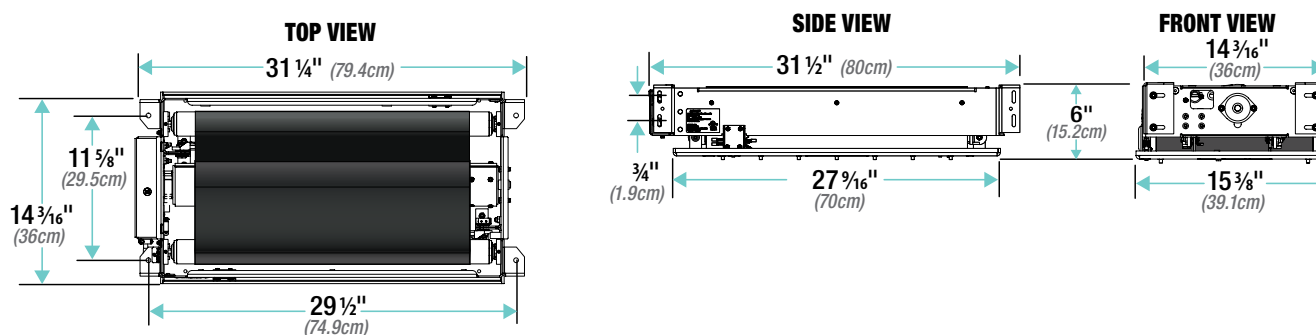
AeroLift 35 Dimensions



AeroLift 100 Dimensions



AeroLift 150 Dimensions



For more information on Aerolift projector lifts please see the Draper website at
www.draperinc.com/liftsmounts/projectorlifts.aspx

VIDEO WALL MOUNT

Video Wall Mounts provide a simple, cost-effective way of building a video wall of any dimension and shape with the aid of mounts designed to make exact alignment of each unit easy. Fine X/Y/Z axis adjustment capabilities provide precise display alignment in all four corners. Height and width can be adjusted with millimeter precision for edge-to-edge mounting. The final result lies closer to the wall than most other products on the market. Each display mount can be locked with screws (included) or with padlocks (not included) to increase public safety and reduce the risk of theft.

Part Number	Description	Screen Sizes	Max Load
PW010001	Video Wall Mount - Recommended for 1-2 high arrays. VESA pattern: 100-400 mm vertically. 1 Bracket per display.	37" - 65"	220 lb (100 kg)
PW010010	XL Video Wall Mount - One bracket required per display, landscape and portrait. VESA pattern: 300-900 mm vertically and 300-900 mm horizontally.	70" - 82"	331 lb (150 kg)



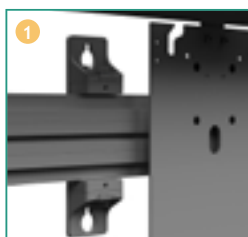
FOUNDATION® MOUNT SYSTEM

Part of our range of Advanced Solutions; we designed the Foundation® Mount System with installers in mind. All Foundation assembly and install steps can be easily managed, sometimes by a single tech (depending on the LED array size). And when it's time to service the display, optional trim aids quick and easy service.

Build your video wall on the Draper® Foundation.

Foundation Mount System's modular design allows for any array size and aspect ratio of the LED display models shown below, with more LED models available soon.

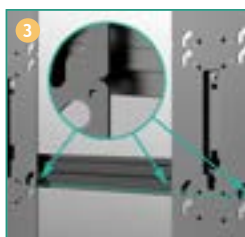
For more information call Draper or go to: www.draperinc.com/mountsstructures/foundation



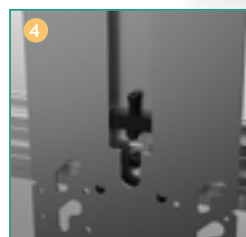
Keyhole attachments on wall brackets provide the ability to mount an entire horizontal rail at once.



Vertical rail hanger clips allow installers to easily mount vertical rails.



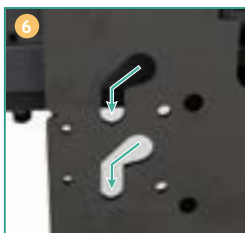
Laser level notches on the sides of each upright act as "string lines" for easy leveling.



Vertical rail adjusters quickly align and level the bottom row of cabinets.



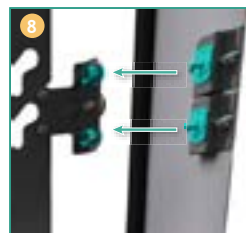
Install fixtures ensure that vertical uprights are positioned and spaced perfectly. Realignment is not necessary when LED panels are installed.



LED panel mounting slots minimize the amount of contact between LED modules during installation.



Spring loaded mounting studs push cabinets into the final Z-axis position.



Magnetic trim is attached using alignment pins and held in place with powerful rare-earth magnets, making installation or removal quick and easy.

TERMS AND CONDITIONS

Draper® sells only to authorized Draper dealers under this price list. Possession of the price list does not necessarily constitute an offer to sell.

All prices FOB factory except as noted. Prices and specifications subject to change without notice.

Freight Quotes: We are glad to quote freight rates based on your specific requirements. Unless you request it at the time of quotation, our freight quotes do not include extraordinary charges such as inside delivery, construction site delivery, arrival notice or reconsignment.

Acknowledgments: Draper provides an order acknowledgement for every order we enter. It is your responsibility to review and notify us of any corrections within 24 hours.

Orders are entered subject to Draper terms.

These terms may only be revised by a written agreement signed by a duly authorized representative of Draper, Inc. Any additional or different terms or conditions in the customer's order or confirmation are not accepted by Draper, Inc. Our invoice constitutes

the final written expression of all terms of sale and is a complete and exclusive statement of those terms. Any and all representations, promises, warranties or statements made or given to customer that differ in any way from the terms of our written invoice shall be given no force or effect.

Quotations: Purchase orders received by Draper without a valid quotation number will be processed and invoiced at regular net prices. In the event you later produce a valid quotation number, a processing fee of 2% may be added to the invoice.

Phone Orders: We encourage you to place orders in writing and THEY MUST BE in a scannable format. We will make every attempt to fill verbal orders accurately, but we cannot guarantee that mistakes resulting from verbal miscommunication will be resolved in your favor. The maximum phone order is \$100. All other orders must be submitted in writing. Order forms available online at

www.draperinc.com/windowshades/shadeorderforms.aspx

Payment Terms: 30 days net with approved credit. Payment by Visa, MasterCard and Discover Card accepted, with no surcharge. Payment is not charged to your card until we ship (exception possible with some custom items).

Return Policy: Window shades and other "custom made" and "Special Order" products may not be returned for credit. No product may be returned without a written Return Material Authorization. Returns will be subject to a restocking charge (except warranty repairs), and must be shipped freight prepaid in accordance with Draper instructions.

Cancellation Policy: Cancelled orders may result in cancellation charges. While we will make every effort to minimize such charges, once an order is entered in to be manufactured, its cancellation may result in charges for material, labor, shipping or restocking.

Warranty: Shades that are outside standard size ranges shown in this price list may not be covered under factory warranty. For a copy of our shade products warranty, visit:

www.draperinc.com/warranty.aspx

ORDER CHANGE POLICY

The Draper Shade Department is committed to processing customer orders in an accurate, efficient and timely manner. This allows our production facilities the best opportunity to deliver completed products in a timely fashion.

The following is the Draper Shade Department Policy on servicing of customer requested change orders. This policy is intended to act as a guideline to Draper customers, salespeople, and order entry personnel to establish a common understanding of the steps and timing involved in changes to orders.

Draper routinely provides a printed (faxed or emailed) Order Acknowledgment for every order entered. This is provided to our customers as an opportunity to correct any errors or omissions in instructions being sent to the plant for the related customer requirement. Any change to an order within 24 hours of our dispatch of the acknowledgment will be processed with no alteration to the original order lead time, nor any change fees (excludes costs incurred resulting from a customer requested "rush" or expedited shipment, or any changes which increase the cost of the product).

If, after 24 hours there has been no response to our acknowledgment, we will assume the order has been accepted as entered.

If the customer requests a change be made after the 24 hour period, but before any plant production activities have been executed, a request for a change to the order will be accepted. Change requests of this nature will result in the order lead time being reset as if this were a NEW order being entered. Current standard lead time for the products in question will be reassigned to the order.

If the customer requests a change be made after the order has been prepared, and after any plant production activities have been executed, the order change will be tentatively accepted pending review by the appropriate inside shade salesperson. The salesperson will make a determination as to what costs have been incurred that cannot be recovered due to the timing of the change request. The customer may then choose either to have the order completed as originally entered or will accept the additional charge and ask that the change be executed. See charges listed below.

a. If the order is to be completed "as is," it will be returned to the production floor and will be manufactured as close to the original "promise" date as possible, PLUS the number of days it was held up for processing the change request.

b. If the order is to be changed, order clerks will edit the order, and the order lead time will be reset as if this were a NEW order being entered with the current standard lead time for the products in question.

c. Change Order charges are as follows: If only hardware has been cut, the change order charge is 25% of the order. If hardware and fabric have been cut, the charge is 75% of the order. If the order is complete and packed, the charge is 100% of the original order.

d. If a purchase order is placed with Draper and the customer later cancels or reduces the quantity on the order, the customer may still be held responsible for the cost of the material purchased for the order. Examples of material purchased for an order may include, but is not limited to, fabric, hardware, paint, motors and controls.

In the event a customer requests changes to their orders on a more than usual frequency Draper may, at our option, implement an "Acknowledge and Hold" process, requiring the dealer in question to confirm receipt and acceptance of our order acknowledgment prior to releasing it to production. (This may delay the order lead-time by the length of the lapse between our acknowledgment being sent and the dealer's confirmation of acceptance).

FREIGHT DAMAGE POLICY

Obvious Freight Damage: If you receive a shipment from us with obvious freight damage, REFUSE IT and inform us immediately so we can supply a replacement. We will charge you for the replacement at the originally quoted price and credit you upon the return of the original.

If you accept a shipment with obvious freight damage and do not note it on the driver receipt, then report it to us after the fact, we will supply a replacement at the originally quoted price and provide a partial credit upon the return of the original, based on its salvage value. The damaged product must be held at the original delivery address and in its original packaging.

Concealed Freight Damage: If you accept a shipment, it is **YOUR RESPONSIBILITY** to open it immediately and report any concealed freight damage to the delivering carrier immediately and in writing. Pursuing the claim is also your responsibility, but we will assist you to the best of our ability to secure a

favorable settlement from the carrier. We will also provide a replacement product at the originally quoted price; and, if your claim is denied, we may accept the return of the freight damaged product for whatever credit we can provide, based upon its salvage value.

If you fail to report concealed freight damage to the delivering carrier immediately (within 5 days), neither you nor we have any recourse. We will provide a replacement product at the originally quoted price and, if you wish, we will accept the return of the damaged product for whatever credit we can provide, based upon its salvage value.

NOTE: This policy applies to all shipments whether to **you or to your customers**. Neither Draper nor the freight carrier will pay back charges, accessorial fees or expedited replacement charges in regard to freight damaged product and replacement.

FREIGHT CONSIDERATIONS

Shipments are, by standard, made by the least expensive surface method except when you request special routing at the time of order. On small parcel ground shipments, we use UPS – unless you specify otherwise. Several items in this price list "dim out" to a larger weight than their actual physical weight. When one item ships alone, it may have to ship under its dimensional weight or may incur an "Oversize" charge under UPS regulations. Some items may also be too big for UPS, and will ship common carrier. If in doubt, please request a freight estimate.

• An additional charge per standard skid will be charged for palletizing. Oversized skids are additional..

Packages are packed to a maximum weight of 75 pounds, except where necessary to exceed 75 pounds. Special packaging requests may be honored, but may require a handling fee.

Freight: 6% or \$55 min.
Units over 18' wide are excluded and a freight add.
FREIGHT CLASSIFICATIONS:

- Greatest length exceeding 192": **200**
- Greatest length greater than 96" but not exceeding 192": **125**
- Greatest length not exceeding 96": **70**



HAVE QUESTIONS?

We are here to help. Use our online chat tool or reach out at: 1.800.238.7999
www.draperathome.com/contactus/



DRAPER ONLINE

Draper Online is the comprehensive pricing, quote generation, and ordering system. Enter quotations and orders 24/7!
www.draperonline.com/



ORDER FORMS

Available online: www.draperinc.com/windowshades/shadeorderforms.aspx



PRO PORTAL

Includes order status, shipment tracking, dealer price lists, online payment, and more.
www.draperinc.com/draperpro/portal.aspx



WARRANTY

Your purchase is covered. The quality of Draper® FlexShade® is unmatched. We're so sure that your window shades will look great and work well (and continue to do so) that we offer a **25-year limited warranty** on most interior shade products.
www.draperinc.com/warranty.aspx



TECHNICAL DRAWINGS

Find important technical documents, such as Specifications, Submittals, Instructions, CAD Drawings, Product Literature, and more. www.draperinc.com/documents.aspx



INSPIRATION

Photographs and information on **completed projects**, case studies, and white papers.
www.draperinc.com/casestudies/

DRAPER PATENT INFORMATION

The Draper engineering team is continually creating new and unique products and design improvements. Many of our innovations are covered by patents. You may see a list of patented products here: www.draperinc.com/legal/patents

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HAVE QUESTIONS?

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 Product: FlexShade® Battery Window Shades
 Fabrics: Mermet E Screen 3% Charcoal & Phifer Sheerweave 7000 Onyx
 Dealer & Installer: Transitions Window Fashions
 Photographer: Jered Lehman



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