

Qmotion®



Product Guide

Roller Shade Collection

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QMotion, a brand of Legrand, manufactures automated window coverings that are sold by a network of premium dealers and partners. QMotion's industry-leading product line includes motorized roller shades that are safe by design with no cords and can help reduce energy costs. The Qadvanced Roller Shades are the only automated products on the market that feature a patented manual override.

QMotion has won a total of 21 awards in the last few years for its unsurpassed innovation.

TechHome®



Mark of Excellence





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QMotion shading systems are developed for simplicity, superior function and aesthetic elegance. QMotion has focused on developing automated window coverings that move quietly, more efficiently, and have batteries that last years longer than others. We also have the narrowest, widest and tallest battery-powered shades in the market – **up to 13' wide and 15' tall for many fabrics.**

- Low voltage 1-way or hardwired with Zigbee HA1.2 2-way communications.
- Easy to program.
- With battery operated shades, simple installation - no wires.
- Whisper quiet motors.
- Industry leading 0.5" light gaps.
- Evenly distributed on both sides.
- Side channels & sill angles optionally available.
- Patented manual override system.
- Patented counterbalance system.
- Integrated Safety Stop.
- Easy upgrade from manual clutch to motorized.

QMotion Qadvanced motorized roller shades are available in battery or wired configurations. Battery operated shades have 2 communication options to choose from:

- Our new Gen 3 proprietary protocol, 1-way communication.
- Qadvanced with Zigbee HA1.2 (Home Automation v 1.2) specification for 2-way communications.

Qadvanced wired options now include:

- Low voltage using 22AWG/24V wires with Gen 3 proprietary protocol, 1-way communication.
- Qadvanced Intelligent System (QIS) hardwired, uses standard Cat5e or Cat6 cable for both power and communications. QIS shades may be used with our wired wall switches and/or wireless remote controls using the Zigbee HA1.2 specification.

Manual roller shades are available in three configurations:

- Qfree shades are identical in appearance to motorized shades, safe by design as they are free of external cords and wires.
- Qbasic are a clutch type of manual shade with nickel plated chain. The easy pull gear reduction clutch allows for a smooth operation requiring low force to lower or raise the shade.
- Qbasic+ are manual roller shades that provide a path to motorized roller shades, without taking the shade back to the shop, simply by swapping the clutch for the in-shade motor, all in a matter of minutes on-site.

Through its patented design, QMotion offers the largest size of long-lasting battery-operated shades in the market. QMotion is also the only automated window treatment company that offers a patented manual override feature, allowing shading products to be operated by hand, remote, or a smart device.

Our automated roller shades are designed with a built-in safety stop braking system so they do not pass over the top when rising. This protects the motorized shade as well as walls and windows.

Made “safe by design,” QMotion is an industry leader in safety standards as all of the Qadvanced motorized roller shades and Qfree manual shades are cord free, making them safe for small children and pets. As well, silence is among the greatest of QMotion’s strengths - highlighted by “whisper quiet” design.

Design and decorative options abound in each motorized and non-motorized shade collection. Window coverings are offered in a wide range of functional fabrics and stylish colors as well as a full line of eco-friendly fabrics.

QMotion offers state-of-the-art natural light control with the following benefits:

Several different control options

- QMotion Shades offer the convenience of moving the shade up or down, stopping at the top, the bottom, two, three or four intermediate stops, or all with the touch of a button.
- Lose your remote? No problem! All Qadvanced roller shades are equipped with a patented manual override feature enabling customers to operate the shades to open or close by a slight tug of the hand without damage to the shade or motor.
 - With a slight tug to the hembar – less than 1", the shade opens to the next highest position.
 - With a little more tug of the hembar – between 1" – 2", the shade moves to the full open position.
 - Tug the shade down over 2" and the shade will remain in the position stopped.
 - Two successive tugs of more than 2" in 10 seconds will move shade to full open position.
- Want to control multiple shades with just one remote? QMotion offers several remote controls, depending on the communications protocol you select for your shades. For Gen 3 and Zigbee HA1.2 shades, we offer the QdR2 Multi Channel Remote which can control 5 individual shades or 5 groups of shades all with one remote control. All Multi Channel Remotes have an "All" Channel, which controls all shades programmed to the remote. Each channel can have an unlimited number of shades programmed to it.

Unmatched quietness

- QMotion engineers developed a shade with quiet operation for a beautiful and peaceful experience. Their counterbalanced movement

is smooth and quiet due to precision steel ball bearings that minimize friction and reduce the amount of power needed for operation. They can operate in groups, and are advantageous for heat/energy management.

Distinctive designs

- Generous fabric collection of light filtering, decorative and beautiful, room darkening materials.
- QdR2 remotes and wall plates, and the QIS wall switches are available in 5 different colors: white, black, gray, ivory and light almond. If a color is not selected on the order form, the default color is white.
- **Industry leading light gaps** on the sides of the shades as small as 0.5" gap on each side, providing the most uniform and highest level of window coverage. Qadvanced only.
- Fabric width is 1" narrower than the specified bracket to bracket dimensions. Qadvanced only.

Unparalleled simplicity

- QMotion battery automated shades are powered by an internal pack of standard D-cell or AA batteries depending upon shade size.
- The estimated average battery life is three years or more, dramatically reducing maintenance cost and adding convenience. (Shade size, usage and installation environment determine actual battery life.)
 - No cords - No electrician
 - No wires - No special tools
- QMotion battery operated shades are shipped with the batteries installed in the shade tube, for the convenience of our customers and ease of installation.

QMotion shading systems allow for a customized experience.

The look you want

- QMotion shades offer *several choices of fascia* to conceal the top of the roller shade tube and brackets. Choices include a painted fascia and a fabric wrapped fascia.

The design you need

- Shades come in *either standard roll or reverse roll*. Standard roll shades have the fabric rolling off the back of the roll, close to the window, while reverse roll shades come off the front of the shade roll, and are further from the window glass. Reverse roll may be a preference for design purposes, or may be needed to permit the shade to lower clear of window obstructions.

The number you want

- Our *dual shade system* allows users to choose a combination of two shades on the same window. Often used with a light filtering fabric in the front and with a room darkening fabric closest to the glass, QMotion dual shades are an excellent way to double treat a window in a small space.

The choice you prefer

- Transformer low voltage power supply is a wired power solution for those who want the benefits of QMotion Automated Shades with a connection to the facility electrical system. Low voltage uses 22AWG/24V wires from the shade controller, controlled with same wireless RF remote as Gen 3 battery shades. Available in a single unit, or one which can power up to four shades, or in a panel solution for as many as 16 shades. Low voltage shades deliver all the benefits of QMotion technology.
- Qadvanced Intelligent System (QIS) hardwired shades use a power and communication panel with 8 ports for connecting a combined total of

8 shades and wall switch to a single panel. QIS power and communication uses off-the-shelf Cat5e or Cat6 cables. QIS shades can be connected to an automation system for control, hardwired to a single or double wall switch, or wirelessly with the QzHub3 gateway for Zigbee HA1.2 wireless connection to QdR2 remotes.

- Battery powered QMotion Shades offer the same benefits as low voltage powered shades, and add the ability to install in difficult situations as well as function in the absence of electrical supply, without the need to run power to shades for battery operation. Because QMotion battery powered shades use an internal battery pack, there are no visible battery packs or wires to hide or see.
- Now you have the choice to upgrade from manual to motorized when you are ready with the Qbasic+ easily upgradable shade option.

Safe by Design

- Shades come in an endless range of colors and finishes, but when buying shades for your home, you must consider the way they are operated.
- A shade which is safe by design is one that is cordless or has concealed or tensioned cords.
- Qadvanced and Qfree roller shades are cordless by design.



QMotion's automated window coverings work smoothly into smart home automation systems for residential use and in light commercial building automation systems, allowing for programmed control of shading systems in the daylighting design.

- Natural Daylighting Control
- Solar Heat Gain, Reduce Energy Costs
- UV Protection

Shading Automation Benefits

- Increase user security & privacy, integrated with lighting and home automation systems.
- Include shades in "scene settings", such as home theater, conference room presentations.
- Timer based actions for raising and lowering shades with lighting, privacy, and security settings.
- Industry exclusive manual override for convenience, safety, and individual preferences.
- People want the ability to control their environment through light, temperature and overall comfort. One of the most effective tools are adaptable automation systems which become an important part of daylighting. They can control glare, temperature, natural and artificial light, and improve overall comfort.
- And when guests or children who aren't familiar with motorized shades tug on the shade – no worries! They won't damage the motor with our patented technology.

Distinctive designs and wide selection of elegant fabrics

Generous fabric collection of light filtering, decorative and beautiful room darkening, blackout materials. Choose from our popular eco-friendly and solar shade fabrics. Why are solar screen fabrics used?

- Control Natural Light
- Reduce Glare
- Maintain View
- Reduce Heat Gain
- Privacy
- UV Protection

Fabric Choices for Shading Systems

Light Color Fabrics

- Provide high levels of visible transmission.

- Reflect high percentage of light to help keep out heat.
- Preserving levels of natural light, reducing need for artificial lighting.

Dark Color Fabrics

- Reduce visible light transmission (glare).
- Improve transparency during daylight hours, increasing exterior visibility.
- Meld with the glass, becoming almost invisible from the interior and exterior.

Light Filtering vs Blackout Fabric – What's the difference?

Light blocking fabrics are available in two different grades, light filtering and blackout.

Light filtering fabrics will block much of the light coming into your room. The fabric used in light filtering shades can be decorative or it can be technical fabric, like screens. These fabrics allow some light to pass through the fabric but still blocks some of the light. Additionally, some light will pass around all four sides, including the top, of the shade when installed.

Blackout fabrics are perfect when there is a need for more darkness. Blackout fabric has multiple layers that may block 100% of the light. While the fabric blocks the light, some light may get in through light gaps on the top, side, and bottom of your shades. The side gaps allow the shade to raise and lower without rubbing the sides of the window frame. For enhanced light control, you can cover these side and bottom gaps with light blocking side channels and sill rails. Considering that QMotion shades already offer the smallest light gap in the industry at 1/2 of an inch, adding Side Channels and Sill Rails reduces that even further. For complete light blockage, your installation may require architectural changes to the windows to ensure that they are square and flat, and you should consider outside mounted shades for the greatest level of light control.

Refer to the back of the individual fabric cards for details and specifications of the specific characteristics for our 300+ fabric options.

Please note: Our shades are designed specifically to be installed in the interior of the home or building.

More choices to suit your client's needs. Qadvanced battery operated roller shades are now available in two different communication protocols. We've enhanced our proprietary protocol in our Gen 3 shades, for those environments that may have a lot of other electronic devices competing for radio air space. And even better, you can now offer your clients 2-way communication with the Zigbee HA1.2 battery operated shades.

Qadvanced Battery Operated Roller Shades with Gen 3

Uses the 3rd generation QMotion proprietary protocol, 1-way communication. Our Gen 3 shades are great for stand-alone applications where there is potential interference from other electronic devices. This protocol may be more consistent and responsive in radio rich environments. Used with the Qsync Gen 3 smart home automation systems integration or stand-alone mobile app for iOS or Android smart devices.

Qadvanced Gen 3 roller shades use our QdR2 Remotes, either single channel or multi channel, and can also be system integrated or smart "app" controlled using our Qsync for Gen 3. Refer to the Remotes section for more information on the QdR2 Remotes.

Qadvanced Battery Operated Roller Shades with Zigbee HA1.2

QMotion Qadvanced Battery operated Shades are available using the Zigbee HA1.2 (Home Automation v1.2) specification for 2-way communication. Provides enhanced communication consistency compared to proprietary protocols; comes with built-in signal collision avoidance. QMotion Shades with Zigbee HA1.2 are programmed to "wake up" at set intervals, thus controlling the battery usage in a highly consistent manner. Adding 2-way communication allows for feedback of the shade position with automation apps. Qadvanced shades with Zigbee HA1.2 have all the exclusive features as the Qadvanced Gen 3 shades, such as manual override, quiet motors, narrow light gaps, with the added benefit of the Zigbee network.

Qadvanced shades with Zigbee HA1.2 may be integrated with smart home automation systems or used "stand alone" with the QdR2 Multi Channel Remote. Most smart home automation systems will require the QzHub3 (gateway or bridge device) for integrating the shades to their system, if they lack Zigbee as a native element. QMotion recommends including our Range Extenders to enhance performance and range among the remote controls and shades in the Zigbee network. Refer to the Integration and Remotes section D for more information on the QzHub3, Range Extenders, and QdR2 Remotes.



QMotion Qadvanced Roller Shades now have multiple options for those environments where wiring to the shades is available. In addition to the Low Voltage wired Roller Shades use our 3rd Generation proprietary 1-way communication protocol. The Qadvanced Intelligent System (QIS) is a hardwired shading solution using standard off-the-shelf Cat5e or Cat6 cables for both power and communications to the shades, and also offering the option of Zigbee communication, natively inside the shades themselves.

Qadvanced Low Voltage

The Low Voltage shades use 22AWG/24V connector wires from the shade controller (MCA). Power supply and distribution box options are available. Refer to the Low Voltage Transformer information in Section D for more information.

Our Low Voltage Gen 3 shades are great for stand-alone applications where there is limited potential interference from other electronic devices for remote control. This protocol may be more consistent and responsive in radio rich environments. Used with the Qsync Gen 3 for smart home automation systems integration or stand-alone mobile app for iOS or Android smart devices. The Qsync Gen 3 allows for IP integration.

Qadvanced Gen 3 roller shades use our QdR2 Remotes, either single channel or multi channel, and can also be integrated or smart “app” controlled using our Qsync for Gen 3. Refer to the Remotes section D for more information on the QdR2 Remotes.

Qadvanced Intelligent System Hardwired

Qadvanced Intelligent System (QIS) Hardwired Roller Shades use standard off-the-shelf Cat5e or Cat6 cable for both power and communications. When ordering QIS shades, you must select connector wire length - 6" or 35". A male connector and an in-line coupler keystone insert module are included with each shade. There is no additional charge for the connector wires. Cat5e or Cat6 cables are not included and must be purchased separately. You may use shielded Cat5e or Cat6 cables, but it is not required. Some installations where the QIS cables may be close to other wiring,

it may be advisable to use shielded cables to protect from possible interference. **NOTE: Do NOT use Power over Ethernet (PoE) or any Ethernet wiring or powering scheme.** This will damage the shade motors and void the warranty.

QIS shades require our Power and Communications Panel with 8 ports (power supply included). The 8 ports connect via RJ-45 connectors for any combination of a total of 8 shades and controls. QIS shades may be used with our wired wall switches and/or wireless remote controls (QdR2 Remotes) with the QzHub3 device using the Zigbee HA1.2 specification. Total system capacity for one complete QIS system is 200 wired devices - shades or remotes. **Refer to QIS Roller Shade Application Guide for a system overview, detail specifications on wiring specifications, system capacity and limitations.**

QIS shades may be used in a completely wired installation using our wired Wall Switch Controls (single or double), or integrated with an automation system. Your customers may also want the option of wireless remote control, which is available with Zigbee HA1.2 specification. Used with the QzHub3 device and the QdR2 Remotes for Zigbee, this can be in a stand-alone environment or used with a smart home automation system using Zigbee HA1.2 specification. Some automation systems communicate in native Zigbee protocol, and the QzHub3 is not required. Please check with your automation system provider for details.

QMotion recommends including our Range Extenders to enhance performance and range between the remote controls and shades in the Zigbee network. Refer to the Integration and Remotes section D for more information on the QzHub3, Range Extenders, QdR2 Remotes, and Wall Switch Controls.

QMotion shades offer the longest battery life in the industry

QMotion Shades lead the industry in battery life with our patented technology by putting the batteries inside the tube, providing superior aesthetics with no power wires or antenna showing.

- Our battery powered shades use D-cell or AA alkaline batteries. The expected battery life for D-cell is up to 3 years, or more, depending on shade size, daily usage, and installation environment. Qadvanced shades with Zigbee HA1.2 are programmed to “wake up” at set intervals, thus controlling the battery usage in a highly consistent manner.
- The battery life for AA alkaline batteries for the narrow shades is up to 1–1.5 years. For longer battery life, AA lithium batteries can be used instead of alkalines, with a battery life expectancy of 1.5–2 years.
- As a unique feature in the industry, QMotion battery operated shades are shipped with the batteries installed in the shade tube. This benefit, unlike some of our competition, allows for an easy installation.
QMotion does not manufacture these “installation and setup batteries,” and does not warrant them or their endurance. Individual battery life is dependent on many factors and if your shades do not appear to operate efficiently, replace as needed, being sure to replace all batteries in each product at the same time with batteries from a single package from a single manufacturer.
- Battery life is dependent on shade usage and size, as well as several environmental factors. Larger shades which are used more frequently, will have lower battery life expectancy when compared to smaller shades or those used less frequently.

Easy Battery Replacement — by placing the access port for the batteries in the shade tube wall, you can now change the batteries without having to remove the shade from the brackets. You can get the instructions and watch a video at www.QMotionShades.com



Average Range for Control

Product	*Expected Open Air Range in Feet
Single Channel	50 - 100
Multi Channel	30 - 80
Qrelay	30 - 100
Qsync	75 - 100
QdR2 Remotes	30 - 50
Range Extender	30 - 50
QzHub3	30 - 50

This chart is provided as a reference for when you are specifying a job. Please refer to the Remotes and Controls section for details.

***Environmental conditions may affect individual results.**

All range dimensions are based on an unobstructed environment or free range. There are a multitude of factors that cannot be controlled by our product that interfere with the range. Actual use in a home, office or other space can expect lower range, which can be augmented through the proper use of the Qrelay or Range Extender devices.

Finally, the luxury and safety of automated shades, completely free of cords and wires, are accessible to everyone.

Qadvanced Roller Shades

The design of QMotion delivers a simpler, sophisticated automated shade that offers both, ease of use and dependability.

Order Specifics

- Shades ship complete with brackets and batteries, as needed, ready to install. (Note, motor shipments without shades, including the Qbasic+ upgrade, will not include batteries).
- Shades may be specified as standard or reverse roll.
- If desired, a 22AWG/24V DC Low Voltage transformer power option or the QIS hardwire using Cat5e or Cat6 cables may be specified.
- Extended range and enhanced responsiveness to control devices with Qrelay or Range Extenders. The Range Extenders are now available in two form factors, the original RE is powered via a cable to the power plug, and the new RZ2 plugs directly into an outlet. The RZ2 includes a screw tab for a more permanent installation, as Range Extenders should never be unplugged once the Zigbee mesh network is established.
- Low Voltage and QIS wired shades can accommodate left or right connection. Please include which side you would like at time of ordering.
- QIS hardwired have 2 connector cable length options, 6" or 35". A male connector and an in-line coupler keystone insert module are included with each shade.

Size Limitations

- For AA batteries, the minimum width is 15.5" and the maximum width is 22", bracket to bracket.
- For AA batteries, the maximum height is 96".
- Minimum width 15.5" with Low Voltage and QIS wired shades.
- Maximum width 144" for standard shades.
- Maximum height 156" for standard shades.
- Maximum sizes are Fabric dependent. Consult fabric tables in Section E for specific size availability and limitations.

Roll Size

- Roll up diameter or RUD is determined by the size of the shade and fabric chosen.
- Extra length of material will be added to the height of the shade in order to allow the fabric to wrap around the tube when fully rolled down.

Fabric Orientation and Size

- Most shades ship with fabric oriented in the vertical roll direction from the mill. If they are railroaded, they may ship in a horizontal roll direction.
- If a shade in a group is railroaded, you have the option to railroad all shades in the group to match.
- Railroading is available on select fabrics only.
- Seaming is not available in all fabrics. Please check fabric charts.
- The seam will be placed near the top of the shade unless specified otherwise.

Decorative Fabric Patterns

Due to the design details for the patterns on some of the decorative fabrics, such as florals, we cannot guarantee exact alignment from shade to shade for the patterns. Please ensure your clients understand the design aesthetics for patterned fabrics.

Tube and Hembar Size

- Tube and hembar diameters vary depending on the height and width of your shade.
- Hembars are available either painted or fabric wrapped. Paint colors are white, sand, anodized silver, bronze and black.
- Light blocking wool pile is integrated into the fascia for inside mount shades. Available in black or white.
- When ordering the new tilt-out side channels and sill angle or the original, stationary side channels and sill angle you will receive the Oval hembar. The Oval hembar allows for tighter fabric attachment for a smooth appearance with no wrinkles or ripples.
- Easy shade removal for cleaning or changing fabric. Just remove tube(s) from the brackets.

	Qadvanced Battery	QIS Hardwired	Qbasic+ Manual to Motorized
Mounting Style			
Single Roll	x	x	x
Dual Roll (Only as Standard Roll)	x	x	
Direction			
Standard Roll	x	x	x
Reverse Roll	x	x	x
Mounting Location			
Inside Mount	x	x	x
Outside Mount	x	x	x
Back Mount	x	x	x
Top Mount	x	x	x
Side Mount	x	x	x
Coupling Ability	x	x	
Size Limits			
MINIMUM B2B† Width	15.5"	15.5"	15.5"
Maximum B2B† Width	156"	156"	120"
MINIMUM Qlink Coupled System Width			
Maximum Qlink Coupled System Width			
Maximum Height (Fabric Dependent)	180"	180"	120"
Maximum RUD	4.3"	4.3"	3.3"
Maximum Panels	1	1	1
Pocket			
Single Pocket	x	x	x
Dual Pocket	x	x	
Pocket Closure	x	x	
Fascia Available**	x	x	x
Bracket Dimensions			
Single Bracket	2.6", 3.3" & 4.3"	2.6", 3.3" & 4.3"	2.6" & 3.3"
Dual Bracket (Standard Roll Only)	2.6" & 3.3"	2.6" & 3.3"	
Bracket with Fascia	2.6", 3.3" & 4.3"	2.6", 3.3" & 4.3"	2.6" & 3.3"
Dual Pocket (Standard Roll Only)	4.3"	4.3"	
Adjustable Bracket			x
Side Channels (White, Silver, Sand, Bronze, Black)			
Tilt Out	x	x	x (Standard Roll Only)
Stationary	Not Recommended	x	Not Recommended
Sill Angle (White, Silver, Sand, Bronze, Black)	x	x	x
Communications			
Zigbee HA1.2 (2-way), Battery Operated	x		x
Gen 3 (1-way), Battery Operated	x		x
Gen 3 (1-way), Wired (LV)		x	x
Zigbee HA1.2 (2-way), Cat5e/Cat6 (QIS)		x	x
Patented Manual Override	x	x	x (When Motorized)
Manual Clutch Chain (Nickel Plated Standard)			x (Stainless Steel Option Available)
Remotes (White, Black, Gray, Ivory, Light Almond)			
QIS Wall Switch – Single		x	x
QIS Wall Switch – Double		x	x
QdR2* Zigbee Multi Channel	x	x	x
QdR2* Gen 3 Single Channel	x	x	x
QdR2* Gen 3 Multi Channel	x	x	x

† Bracket to Bracket.

* QdR2 remotes available with removable and locking wall plates.

** Fascia options available in white, silver, sand, bronze, black or fabric-wrapped.
Fabric-wrapped is not available in certain fabrics, past 120", or for dual fascias.

	Qbasic	Qfree	Qlink-Battery	Qlink-Wired
Mounting Style				
Single Roll	x	x	x	x
Dual Roll (Only as Standard Roll)		x, Front Shade Rec Only		
Direction				
Standard Roll	x	x	x	x
Reverse Roll	x (Not with Top Mount With Fascia)	x	x	x
Mounting Location				
Inside Mount	x	x	x	x
Outside Mount	x	x	x	x
Back Mount	x (Reverse Only)	x	x	x
Top Mount	x (Not with Reverse Roll With Fascia)	x	x	x
Side Mount		x	x	x
Coupling Ability			x	x
Size Limits				
MINIMUM B2B† Width	7"	15"	33"	15.5"
Maximum B2B† Width	120"	96"	120"	120"
MINIMUM Qlink Coupled System Width			50"	50"
Maximum Qlink Coupled System Width			288"	288"
Maximum Height (Fabric Dependent)	144"	96"	144"	144"
Maximum RUD	4.3"	4.3"	3.3"	3.3"
Maximum Panels	1	1	7	7
Pocket				
Single Pocket	x	x		
Dual Pocket				
Pocket Closure				
Fascia Available**	x (Different Profiles)	x	x	x
Bracket Dimensions				
Single Bracket	QB17 & QB28	2.6" & 3.3"	2.6" & 3.3"	2.6" & 3.3"
Dual Bracket (Standard Roll Only)	2.6" & 3.3"	2.6" & 3.3"		
Bracket with Fascia	QB28	2.6" & 3.3"	3.3"	3.3"
Dual Pocket (Standard Roll Only)				
Adjustable Bracket			x (with Qbasic+)	x (with Qbasic+)
Side Channels (White, Silver, Sand, Bronze, Black)				
Tilt Out	x	x	x	x
Stationary	x	x		
Sill Angle (White, Silver, Sand, Bronze, Black)	x	x	x	x
Communications				
Zigbee HA1.2 (2-way), Battery Operated			x	
Gen 3 (1-way), Battery Operated			x	
Gen 3 (1-way), Wired (LV)				x
Zigbee HA1.2 (2-way), Cat5e/Cat6 (QIS)				x
Patented Manual Override		x	x	x
Manual Clutch Chain (Nickel Plated Standard)	x (Stainless Steel Option Available)			
Remotes (White, Black, Gray, Ivory, Light Almond)				
QIS Wall Switch – Single				x
QIS Wall Switch – Double				x
QdR2* Zigbee Multi Channel			x	x
QdR2* Gen 3 Single Channel			x	x
QdR2* Gen 3 Multi Channel			x	x

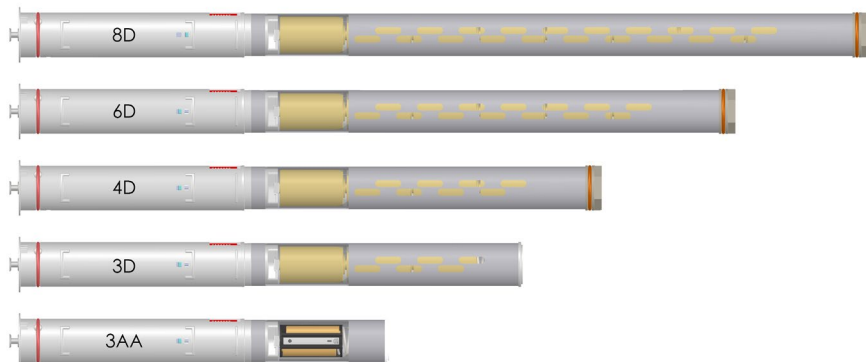
QMotion has the world's narrowest battery operated shades – the smallest roller shade of its kind.

Order Specifics

- The minimum width is 15.5" and the maximum width is 22", bracket to bracket. **(15.625" for inside mount)**
- The maximum height is 180".
- Uses three AA alkaline batteries.
- Battery Expectancy is up to 1.5 years or more.
- May use lithium batteries for longer battery life. For lithium batteries, life expectancy is 1.5–2 years.
- For added convenience each shade ships with alkaline batteries.
- Available in battery operated shades and low voltage.

Motor Control Assembly

Motor Control Assembly with indicated batteries required



QADVANCED ROLLER SHADE MOTOR/CONTROLLER ASSEMBLIES				
NUMBER & SIZE OF BATTERIES	GEN 3 MCA PART NUMBER	Zigbee HA 1.2 MCA PART NUMBER	BRACKET-TO-BRACKET MINIMUM WIDTH	BRACKET-TO-BRACKET MAXIMUM WIDTH
3AA	9500268	9500336	15.5 (394mm)	22.0 (559mm)
3D	9500119	9500337	22.0 (559mm)	24.75 (629mm)
4D	9500120	9500338	24.75 (629mm)	42.0 (1067mm)
6D	9500121	9500339	29.75 (756mm)	96.0 (2438mm)
8D	9500122	9500340	34.75 (883mm)	156.0 (3962mm)

Have It Both Ways

The QMotion dual shade bracket system lets you choose to install a combination of two shades on the same window. With the dual shade convenient bracketing system, you can select a light filtering decorative fabric in the front with a room darkening fabric closest to the glass that you can control independently of one another. QMotion dual shade bracket system provides flexibility in light management, style, and choice. With QMotion's dual shade option, there is no need to compromise.

- Choose light filtering screen or decorative fabric for the front shade to admit the amount of light you want or to allow a clearer view outside if you prefer.
- Use a room darkening blackout fabric for the back shade to maximize light blocking and privacy.
- Control front and back shades separately with the QMotion Multichannel Remote for precisely the positioning that suits you.
- Fascias are available to enhance the appearance, conceal the shade system, and add to the light management capabilities.
- Available in low voltage, hardwired, or battery operated, all standard with our patented manual override feature.
- Special bracket design allows for easy installation even in windows with a small amount of depth.
- Only available in standard roll.
- Available with painted or fabric wrapped hembar.

Light Filtering vs Blackout Fabric – What's the difference?

Light blocking fabrics are available in two different grades, light filtering and blackout.

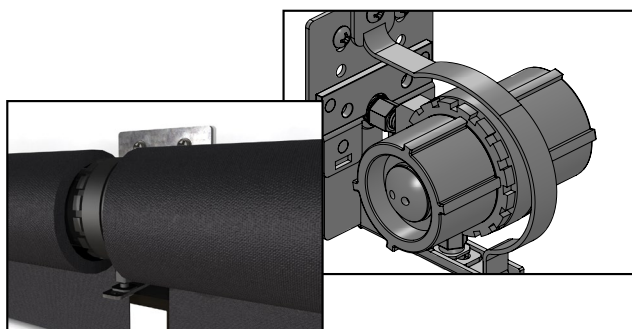
Light filtering fabrics will block much of the light coming into your room. The fabric used in light filtering shades can be decorative or it can be technical fabric, like screens. These fabrics allow some light to pass through the fabric but still blocks some of the light. Additionally, some light will pass around all four sides, including the top, of the shade when installed.

Blackout fabrics are perfect when there is a need for more darkness. Blackout fabric has multiple layers that may block 100% of the light. While the fabric blocks the light, some light may get in through light gaps on the top, side, and bottom of your shades. The side gaps allow the shade to raise and lower without rubbing the sides of the window frame. For enhanced light control, you can cover these side and bottom gaps with light blocking side channels and sill rails. Considering that QMotion shades already offer the smallest light gap in the industry at 0.5", adding Side Channels and Sill Rails reduces that even further. For complete light blockage, your installation may require architectural changes to the windows to ensure that they are square and flat, and you should consider outside mounted shades for the greatest level of light control.



Qlink coupled shades can cover spans as wide as 24' by 10' tall with a single motor with up to 7 panels. For select fabrics, the Qlink system can have shades up to 12' tall. Please refer to fabric chart for list of available fabrics that support up to 12' tall Qlink shades. Shades are counterbalanced to extend battery life. Connecting QMotion shades side-by-side not only allows you to cut costs, your shades will operate in quiet unison when receiving a command from a remote. The linked shade's unique coupling system supports 0.75" hembars.

- Multi-window coverage without wiring, using one battery system.
- Coupler bracket enables adjustments for height and depth.
- Available in back, side, and top (ceiling) mount: Not recommended for Pocket installations.
- Cover with QMotion snap on fascia.
- Manual override feature – shades can be operated manually at all times.
- Allows for long battery life due to counterbalancing.
- Adjustable installation brackets for proper hembar alignment.
- Qlink coupled shade mounting brackets are compatible with standard QMotion 2.6 and 3.3 mounting brackets.
- Low voltage power or QIS hardwired option available from right end or left end.
- All other QMotion features and benefits continue to apply.
- Custom Printed shades are available.



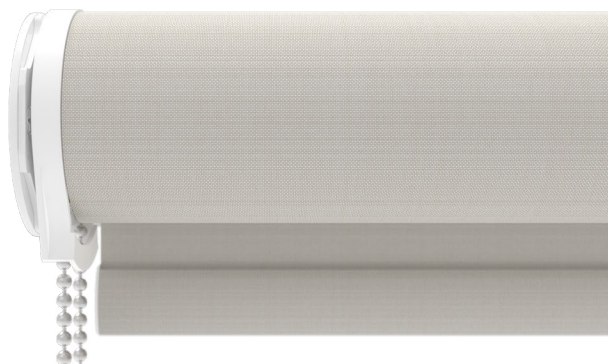
Ordering Information

- Standard roll has motorized shade on left.
- Reverse roll has motorized shade on the right.
- All coupled shades must be the same height and use the same fabric.
- Choose either White or Black for Qlink coupler.
- System maximum is 7 panels.
- Multiple shades (fabric bands) on one tube may be needed to properly motorize and counter balance.
- RUD (rolled up diameter) from 2.0 to 2.6 may be used with 2.6 Universal brackets.
- RUD from 2.6 to 3.3 may be used with 3.3 Universal brackets.
- Product needing fascia must have RUD from 2.6 to 3.3 and use 3.3 fascia brackets.
- Product needing fascia with an RUD less than 2.6 must be upgraded to a 2.4 tube.
- Max RUD with Qlink is 3.3.
- SOM and COM material on Qlinks should have uniform material thickness to insure hembar alignment.

Total Shade	
Minimum Battery Shade Width	33"
Minimum Wired Shade Width	15.5"
Minimum Inner Width	17"
Minimum Sprung Width (application dependent)	17"
Minimum System Width	50"
Minimum Number of Panels	2
Maximum System Width	24'
Maximum Panel Width (see fabric tables)	120"
Maximum Height (see fabric tables)	144"
Maximum Height for Shades 17"–35" Wide	96"
Battery Available	Yes
Low Voltage or QIS hardwired Available	Yes
Fascia Available	Yes
Light Gap Between Bands	1.125"

Qbasic+

The Qbasic+ system offers a unique premium manual shade experience that can be upgraded to motorized in minutes, without the need of changing fabric or major bracket reinstallation. Perfect for managing to a client budget, the field upgradeability of Qbasic+ allows for a combination of manual and motorized shades on initial installation, so that full automation of can be done at a preferred time on a window-by-window or room-by-room basis.



Qbasic+ MANUAL

- Individual Shades up to 120" wide by 120" tall (fabric dependent).
- Shades with panels under 36" have max height of 96".
- Fascia options: standard and reverse roll versions.
- Side Channels and sill rails available for standard roll shades.
- Brackets include site adjustable leveling features up to 0.25" on one side.
- Color coordinated brackets covers available.
- 5 year warranty

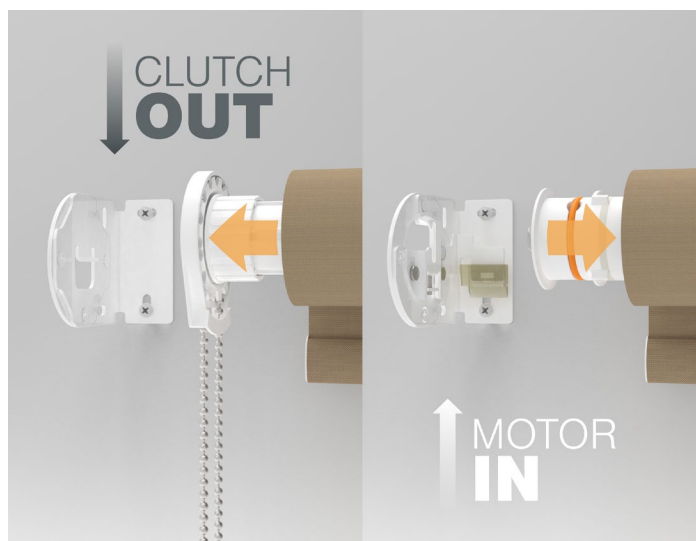
Qbasic+ Specifications

- Minimum width: 15.5"
- Maximum width: 120"
- Maximum height: 120"
- Light gaps: Uniform 5/8" per side

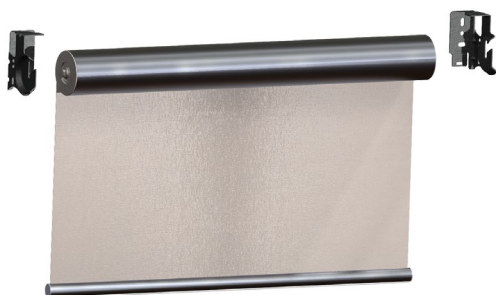
Qbasic+ MOTORIZED

Includes everything in the MANUAL version, plus:

- + Near silent operation.
- + Upgrade to any current QMotion motorization system, battery or wired.
- + Both brackets adjustable up to 0.25".
- + Programmable upper and lower limits.
- + Integrate with popular automation systems.



Simplicity, elegance, and affordability from QMotion coordinates a beautiful look.



Qfree

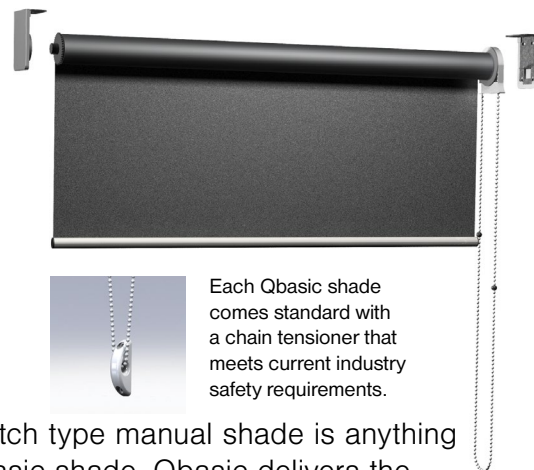
Qfree shades are identical in look to QMotion Automated Shades. Each Qfree shade is designed with the same quality engineering and offers exceptional child safety through the lack of continuous external cords.

- Integrated braking system.
- Fully compatible with QMotion automated shades and brackets.
- Minimum width of 15" wide.
- Shades up to 96" wide x 96" high, check fabric charts for specific fabric capabilities.
- Easily positioned to be standard or reverse roll.
- Due to the nature of the Qfree design we recommend only using side channels with an outside mount application and no sill angle.

Note: Qbasic fascia does not match Qfree or Qadvanced fascia.

Note: Due to the interference on the brackets, Qbasic Reverse roll shades with Fascia do not support Inside Mount applications and will not be offered at this time. Back Mount is supported by Reverse Roll shades.

Note: Qbasic shades fitted with side channels are only available in Standard Roll.



Qbasic

Qbasic clutch type manual shade is anything but your basic shade. Qbasic delivers the styles you want that surpass similar clutch type manual shades.

- Easy pull gear reduction clutch allows for smooth and lower force operation.
- Endcaps are available in white or black.
- Minimum width of 7" (dependent on length).
- Shades up to 120" wide x 144" high.*
- Quick roller tube release from end bracket for easy removal.
- Nickel plated chain with stainless steel upgrade available.

Qbasic Specifications

Clutch Type	QB-17	QB-28	QB-17	QB-28
Tube Diameter	1.5" Standard	1.5" Snap On Fascia	2" Standard	2" Snap On Fascia
Maximum Width	108"	108"	120"	120"
Maximum Height	144"	144"	144"	144"
Maximum lbs.	17.5	28.5	17.5	28.5
Light Gap	0.75"	0.75"	0.75"	0.75"
Minimum Inside Depth	3.1875"	3.5625"	3.1875"	3.5625"
Tube Diameter	1.5"	1.5"	2"	2"
Gear Reduction	20%	30%	20%	30%
Snap On Fascia Available	No	Yes	No	Yes

Simplicity, elegance, and affordability from QMotion coordinates a beautiful look.

General Information

Stand Out

In addition to providing glare and heat control, adding printed shades offer your customers endless design ideas for their projects. Ideal to display company logos, artwork, photographs, and additional display areas. Each shade is printed on-demand.

- Promotional signage
- Advertising
- Signs and banners
- Restaurants
- Showrooms
- Scenic designs
- Space dividers
- Exhibits

Available Fabrics

Screens – 1%, 3%, 5%

Room Darkening – Avila, Flocké, SW 7000

Size Limitations

- We can print at the max roll width of the available fabrics.
- Maximum height for printing is 144”.

Color Limitations

- We recommend printing in lighter colors. Images tend to look the best and more vibrant on lighter colored shades.

Other Guidelines

- It is possible to print on railroaded fabric.
- It is NOT possible to print on seamed fabric.
- It is NOT possible to print on the back of any blackout fabric.

How to Request a Quote

Quote Form

- Provide the below items to QMotion Customer service qmotioncs@legrand.com.
 - Completed standard quote/order form with all the necessary details of your shades.
 - Artwork files that meet the listed requirements.
 - A general layout of the print (centered, justified, full bleed, bottom centered, etc).
- Once an order is placed, Customer Service will reach out regarding any potential concerns.
- A PDF proof will be provided to the customer and will require a signoff before moving forward with an order.

Note: All quotes are custom, and all pricing is subject to change.

Image Requirements

Customer must supply the artwork with the following guidelines:

- **File Type:** Working files in Indesign or Illustrator are preferred, including all fonts and images that are used. Otherwise, supply high-resolution CMYK PDFs that have not been downsampled.
- **File Scale:** Provide artwork at 100% scale or 10% scale if larger than 200” in either dimension. Include at least 0.125” bleed for digital and 0.25” for screen printing.
- **Transparency:** Flatten all transparency effects for screen printed work.
- **Resolution:**
 - 30-75dpi at 100% – very far viewing images
 - 75-150dpi at 100% – closer viewing images
 - 150-300dpi at 100% – very close viewing, high quality images
- **Fonts:** Supply all used fonts, otherwise outline all fonts
- **Color:** CMYK files should always be supplied. Otherwise, we will have to convert from RGB to CMYK which may lead to unexpected color shifts.



The perfect bracket to cover any installation need, today and tomorrow.

Several Styles

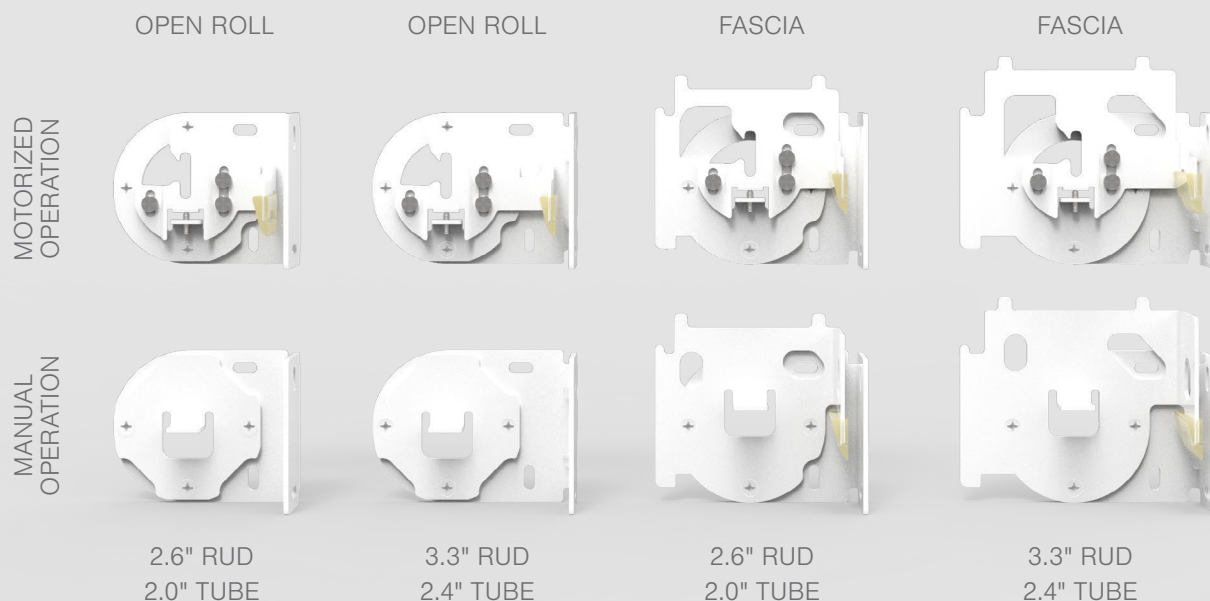
There are several different mounting brackets offered depending on application requirements:

Bracket Applications

- Non-fascia shades ship with universal brackets.
- Pocket applications fit best with 2" or 3" pocket closure. Please note pocket requests on order form.
- Verify bracket dimensions in the space where the shades will be installed. Accommodate space to install roll in pocket and reverse roll applications.
- **Please refer to bracket illustrations section G.**
- The numerical designation represents the maximum size roll up diameter the bracket can support. 2.6" brackets accommodate roll sizes from 2.0" - 2.6". 3.3" brackets accommodate roll sizes from 2.6" - 3.3".

Roll Size Guidelines

- Roll size is determined at the time an order is quoted and is dependent on material thickness, tube diameter, and the height of the shade. Fabric listing tables provide the maximum shade height for 2.6" and 3.3" brackets depending on fabric type and width of shade.
- Specify top or back mount, side/top mount, or side/back mount and either reverse or standard roll on order form.
- All brackets may be side mounted.



Bracket options to suit installation needs.

Several Styles

- There are several different mounting brackets offered depending on application requirements:

Dual	Dual Pocket	Snap On Fascia	Universal
2.6	4.3	2.6	2.6
3.3		3.3	3.3
		4.3	4.3

Bracket Applications

- Non-fascia shades ship with universal brackets.
- Pocket applications fit best with 2" or 3" pocket closure. Please note pocket requests on order form.
- 4.3 Dual Pocket are not available with fascia and are not painted, as they are designed to be installed in a ceiling pocket.
- Dual shade applications ship with dual brackets.
- Verify bracket dimensions in the space where the shades will be installed. Accommodate space to

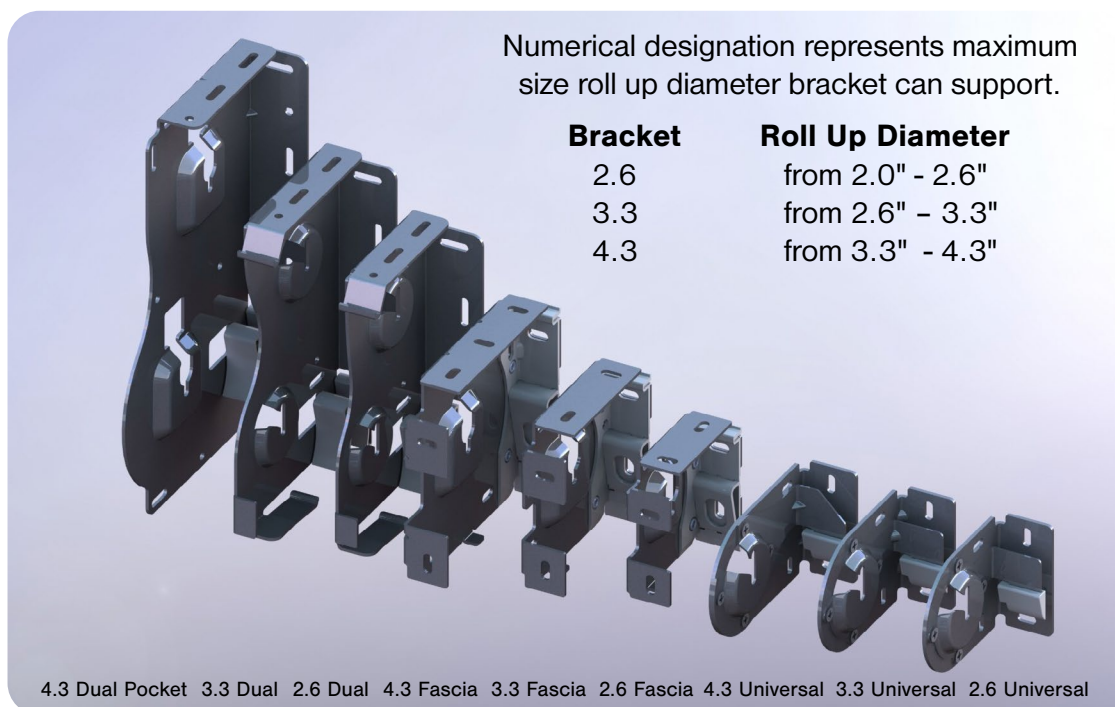
install roll in pocket and reverse roll applications.

Please refer to bracket illustrations section G.

- The numerical designation represents the maximum size roll up diameter the bracket can support. 2.6" brackets accommodate roll sizes from 2.0" - 2.6". 3.3" brackets accommodate roll sizes from 2.6" - 3.3". 4.3" brackets accommodate roll sizes from 3.3" - 4.3".
- 4.3 Universal bracket is available in white only.

Roll Size Guidelines

- Roll size is determined at the time an order is quoted and is dependent on material thickness, tube diameter, and the height of the shade. Fabric listing tables provide the maximum shade height for 2.6", 3.3", and 4.3" brackets depending on fabric type and width of shade.
- Specify top or back mount, side/top mount, or side/back mount and either reverse or standard roll on order form.
- All brackets may be side mounted. Excludes Qbasic.

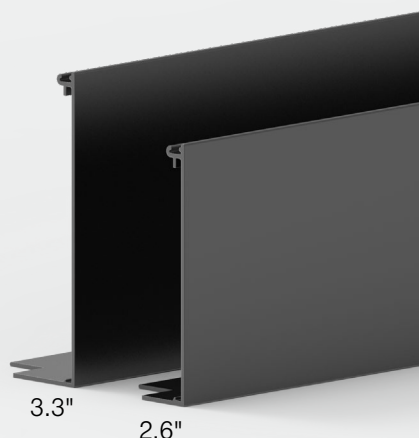


A special accent piece that adds to the beauty of QMotion shades.

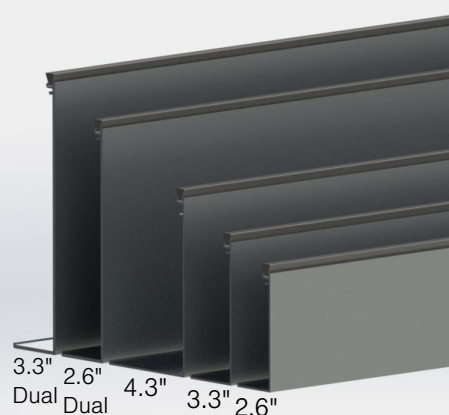
Including fashionable, color-coordinated fascias will enhance both the form and function of your QMotion shades. Easily mounted either inside or outside the window width, fascias attractively conceal the shade system while adding to the light protection your shades were designed to provide. So they're pretty and practical, all in one.

- Choose from five standard colors: White, Silver, Sand, Bronze, and Black or fabric wrapped to match your shade.
 - Fabric wrapped options cover the entire front face and bottom face of fascia for standard roll.
 - All fascia orders include color-coordinated endcaps.
 - Some fabrics are not available to be wrapped on QMotion Fascias. This is due to their inability to be attached in an appropriately aesthetic fashion.
 - The standard and dual fascias are designed in an L-shape, so there is a return to aid in blocking light and hiding the shade roll at the top.
 - All fascia includes light sealing wool pile to further assist in light blocking on the top of the shade.
- 
- All fabric wrapped fascia ship with the same fabric and fabric color as the shade, unless otherwise requested.
 - Shipping charges for fascia are included with the shade if ordered with the shade, unless there are excess size charges from the freight carrier.
 - Fascia not ordered to fit individual shades will be charged additional shipping charges.
 - At this time dual fascia will not be fabric wrapped.

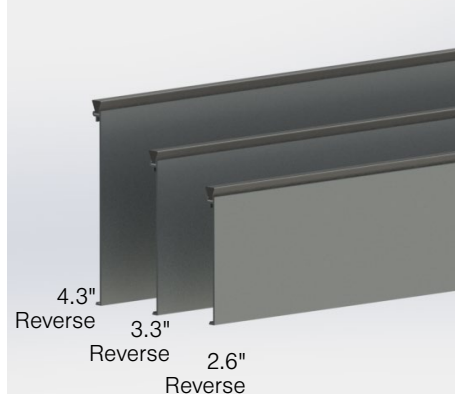
Qbasic+ Fascia



Standard and Dual Fascia



Reverse Fascia



- To ensure proper fit and function, inside mount fascias are cut 0.0625" less than the ordered window width.
- For applications when fascia depth does not meet the minimum depth requirements, please contact your customer service representative for fit and finish options.
- For shades requiring fascia larger than 84" in length, a center support will be automatically included.
- For SPECIFIC CUT WIDTH fascias, please specify the specific width for the fascia in the notes column of the order form. Tolerance for cutting fascias is +/- 0.0625".
- Endcaps are color coordinated with fascia.
- All fascia orders include endcaps.
- For inside mount applications, if fascia extends beyond opening, endcaps may be cut in the field for custom fit.
- For inside mount applications, where window opening depth exceeds shade and fascia depth, no endcaps are needed.
- Endcaps extend 0.0625" beyond fascia.
- Reverse roll not available for Qbasic shades with a top mount bracket orientation.

Fascia Endcap Options

- Fascia endcaps provide a clean look to the sides of the fascia on outside mounts or when the fascia extends out from the window frame on inside mounts.



Pocket Closure

- To conceal the bottom front of a pocket installation, QMotion offers the Pocket Closure system.
- This simple two part system installs easily, and conceals the front bottom of installed shades.
- Sections are cut to size, and available up to 12.5' lengths, and the Closure sections are available in either 2" or 3" depths, for the best possible match in the design.
- Available in white only.

Features and Benefits

- New two-piece tilt out design allows for easier installation in window well or wall. Installation can be either side mount or back mount.
- Easier access to shade for battery change out.
- Side Channels and Sill Angles offer an additional light control solution by covering the sides and bottom of the window. (Shade fascias block the light at the top of the window.)
- Side Channels are 2.625" wide by 1.3125" deep.
- The fabric travels inside them with a light blocking wool pile located in 3 positions to aid in minimizing additional light seepage from non-straight wall/window well construction to assist with better light control.
- Side Channels and accompanying Sill Angles come in any of the 5 standard colors (White, Anodized Silver, Sand, Bronze, or Black).
- Sill Angle is "L"-shaped, and can be oriented to show either 2" or 1.25" face toward room.
- Fits into fascia to ensure maximum room darkening.
- Max size is 144" x 144" (depending on fabric).
- Side Channels are not compatible with fabric-wrapped hembars.
- Fabric bands used with side channels are cut .125" per side in order to accommodate for side channel clearance.

Note: The new tilt out Side Channels must be ordered at the same time shades are ordered, and cannot be ordered for shades that were previously ordered or installed. These side channels are not available as a post installation upgrade. Shades used with side channels require an additional 0.25" wider fabric width deduction and the new Oval Hembar. Please note: these deductions are taken automatically.

***Make sure to program all shades first before installing side channels.**

****Standard roll only for Qbasic manual shades.**



QMotion's Original "Stationary" Side Channels and Sill Angle

- Side Channels are 2" wide, and the fabric travels inside them with a light blocking wool pile to assist with better light control.
- Side Channels and accompanying Sill Rails come in any of the 5 standard colors. (White, Anodized Silver, Sand, Bronze, or Black)
- Sill Angle is "L"-shaped, and can be oriented to show either 2" or 1.25" face toward room.
- Fits into fascia to ensure maximum room darkening.
- Max size is 144" x 144" (depending on fabric).
- Not compatible with fabric-wrapped hembar.
- Original "Stationary" Side channels are not recommended for outside mount.
- Fabric bands used with side channels are cut .125" per side in order to accomodate side channel clearance.
- For an outside or inside mount where you have a back mount application, a plug will be required for the exterior drill hole. The plug will be the same color and flush against the side channel. Inside mount with a side screw application does not require exterior plug.
- Sill angle must be ordered separately, not automatically included.

*** Make sure to program all shades before installing tilt out and stationary side channels.**

**** Qbasic shades fitted with side channels are only available in standard roll.**



COMPARISON CHART Features and Benefits	Stationary Side Channels	Tilt-Out Side Channels
For use in both inside or outside mount	Yes	Yes
Easy battery change out	No	Yes
Helps ensure maximum possible room darkening	Yes	Yes
Works with sill angle	Yes	Yes
Ability to order side channels separately from shades	Yes	No
Includes light blocking wool pile	Yes	Yes
Comes in five standard colors	Yes	Yes
Fits into Fascia. Must order reverse roll if a larger fascia is used so you don't have added light coming through	Yes	Yes
Compatible with new oval hembar (0.5" hembar)	Yes	Yes
Ability to have fabric wrap hembar	No	No
Maximum size	144" x 144"	144" x 144"

QMotion shades have many patented design elements engineered for optimal operation when properly installed. While you may have experience installing other shading systems, it is important to understand the differences when installing QMotion shades.

Not adhering to the instructions may lead to problems at the job site and damaged products, resulting in repeat service calls and unhappy clients - not a good experience for any of us.

Brackets

Some competitive shading products require you to install the shades hard into the bracket. QMotion shades will not work properly if installed that way. Our shades should rest in the middle of the spindle in each bracket. There should be space between where the bracket and the end of the spindle rest. If you install with the shade pressed hard or tight into the bracket, such that the shade end is touching the bracket, it will cause failure and damage. This applies to both sides of the shade. Both sides must have the spindle resting in the bracket and not pressed to the side.



End Caps

If it's an inside mount installation, please note that the end caps for the brackets are an optional accessory. They can only be used if the bracket is outside mounted, or inside mounted, and the bracket partially extends out of the window frame. If the bracket extends out of the window frame, the end cover must be trimmed so that only the part of the bracket that extends out of the window is actually covered by the bracket. Attempting to squeeze the entire end cap into the inside mount may cause the spindle to be too tight, which will lead to malfunctioning shades and potential damage to the shades and fabric. When measuring for inside mounted shades that will use an end cap, please deduct 3/16th of an inch from your width measurement to allow space for the end cap if you do not plan to trim or cut the end cap. Because this increases the side light gaps, it is not recommended to use end caps on inside mounted shades without trimming the plastic to fit.

Please refer to the installation instructions included in the shade packaging, our online videos, or attend one of free webinars for complete information.



Remote Control Options for Gen 3 and Zigbee HA1.2

The range of remote control of a shade is dependent on type of controller, type of shade, bracket, fascia, and installation environment. Individual results may vary, and may be less in some environments due to obstructions in the path of the signal, such as walls, appliances, and/or electromagnetic interference from other electronic devices, many customers have reported even better results. These remotes and optional wall plates are available in 5 colors, white, black, gray, ivory and light almond. Specify the color on the QMotion order; the default color is white. The QdR2 remotes only fit in the QMotion designed wall plates.

New Locking Wall Plate option allows for locking the QdR2 remote in place when installed. Ideal for rooms such as children's or guest bedrooms, so the remote does not accidentally get removed from the wall plate and lost.

QMotion QdR2 Remote for Gen 3 Roller Shades

The new QdR2 remote for Gen 3 shades is designed to be more sleek and user friendly. Each remote comes with 6 buttons to support Up, Down and preset positions 20%, 40%, 60%, 80% with each lower button lowering the shade further. Magnetic back for simple storing in QMotion wall plates. The remote controls unlimited number of shades in a group. The Gen 3 remote may be used with Qrelay to extend the range.



Single Channel

- All shades programmed to the remote act in sync when button is pressed.
- Ideal for rooms with children or guests who may be unfamiliar with the remote and won't accidentally change the channel on the remote.

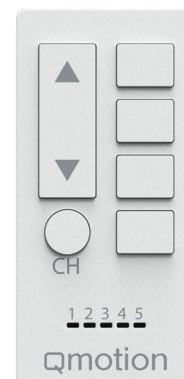
Multi Channel

- Up to 5 individual or group settings, unlimited number of shades per group.
- All shades programmed to a multi channel remote are controlled together with an "All" channel.
- Motion activated channel indicator when remote is tapped or moved.

Please refer to programming instructions for details on pairing and adding shades, and programming to channels.

QdR2 Remote for Zigbee HA1.2 Roller Shades

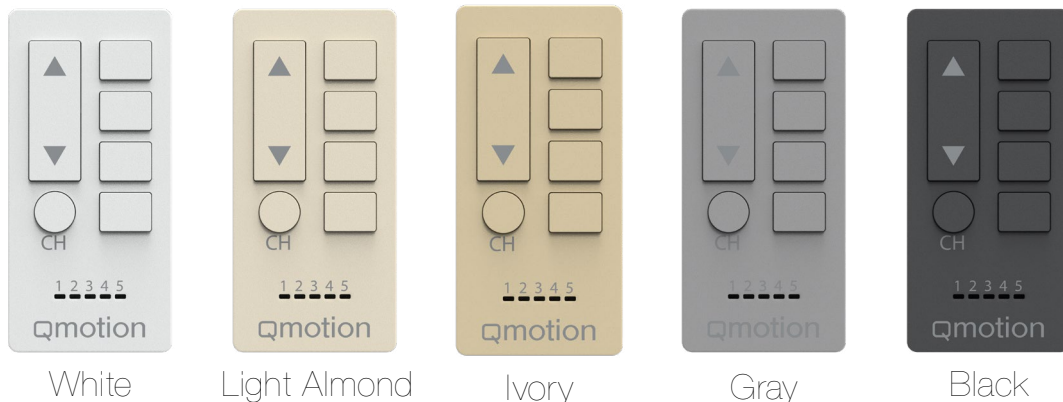
- 6 buttons to support Up, Down and preset positions 20%, 40%, 60%, 80%.
- Requires the QzHub3 device for interfacing with most Zigbee HA1.2 systems.
- Magnetic back for simple storing in QMotion wall plates.
- Controls unlimited number of shades in a group.
- Up to 5 individual or group setting, unlimited number of shades per group.
- All shades programmed to a multi channel remote are controlled together with an "All" channel.
- Recommended to be used with Range Extenders for Zigbee HA1.2 for extending range or for Stand-Alone installations (shades controlled by a remote not on a network).



QdR2 Remotes for Qadvanced with Zigbee HA1.2 shades available as a Multi Channel Remote only.

Please refer to programming instructions for details on setting up the Zigbee HA1.2 automation system with QzHub3, Range Extender, pairing and adding shades, and programming to channels.

QdR2 Remotes



QdR2 Remotes – Removable Wall Plates

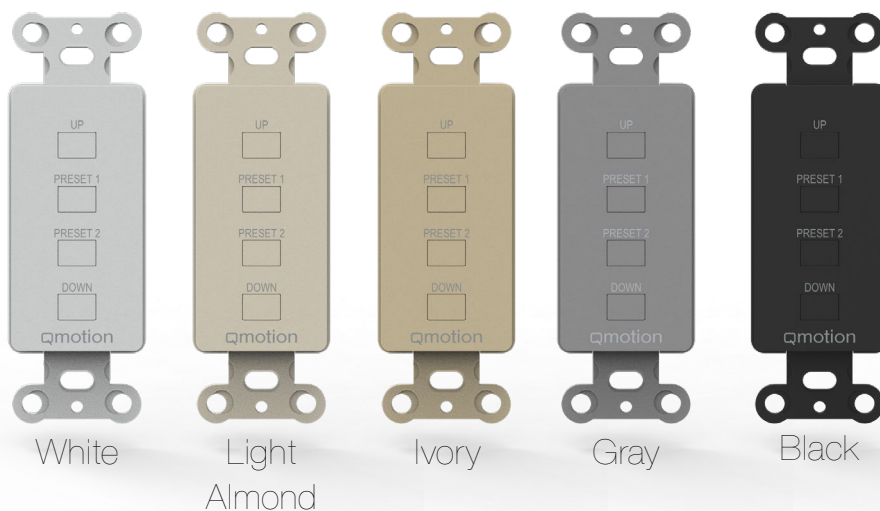


QdR2 Remotes – Locking Wall Plates

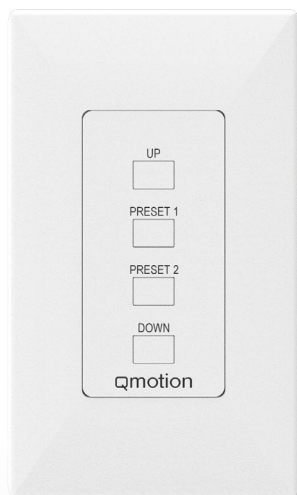


QIS shades require our Power and Communications Panel with 8 ports (power supply included). The 8 ports connect via RJ-45 connectors for any combination of a total of 8 shades or controls (wall switches). QIS shades may be used with our wired wall switches and/or wireless remote controls (QdR2 Remotes) with the QzHub3 device using the Zigbee HA1.2 specification. **Refer to QIS Roller Shade Application Guide for a system overview, detail specifications on wiring specifications, system capacity and limitations.** The wall switches are available in 5 different colors, white, black, gray, ivory and light almond. Specify the color on the QMotion order; the default color is white.

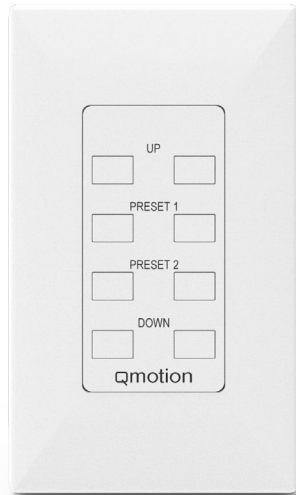
- Available as a single or double switch.
- Connected to the Power and Communications Panel in one of the 8 ports available. A double Wall Switch is one connection, not two.
- The Single Wall Switch has 4 buttons - an Up, Down, Preset 1 and Preset 2.
- The Double Wall Switch has 8 buttons - two each of Up, Down, Preset 1 and Preset 2.
- Controls as many as 200 shades per switch (Note: QIS total system capacity is 200 devices - a combination of shades and controls).
- The preset positions are set at 33% and 66%, based on the lower limit.



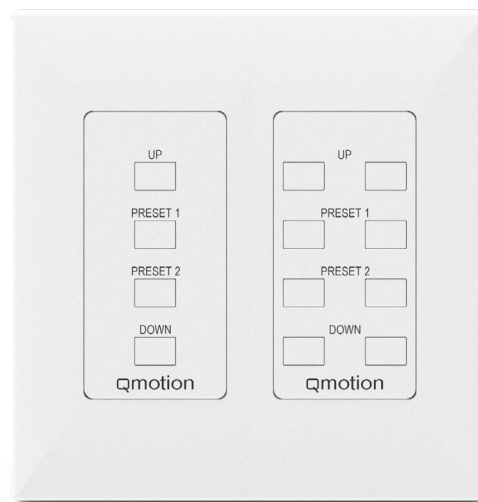
Single Channel
Single Wall Station



Multi Channel
Single Wall Station



Dual Wall Station



Wall station plates are not available from QMotion. Fits standard off-the-shelf wall plates.

The Zigbee network is a self-healing mesh network that operates on 2.4 ghz. Self-healing means that if there is a weakness in the network, the signal will find a new path. Within this network, you will have devices that can either repeat a signal or be an end device. The QMotion QzHub3 and Range Extender are considered “repeat” devices, and QMotion Qadvanced shades are considered “end” devices.

Qadvanced with Zigbee HA1.2 shades work on a Zigbee mesh network and require the QzHub3 for interfacing with most smart home automation system networks. The Qadvanced with Zigbee HA1.2 in a stand-alone, non-integrated environment require the original, corded Range Extender for each room to interface with the QdR2 remote. Additional range extenders (RZ2) may be needed based upon number of shades, room size, etc.

QzHub3

- Controls Qadvanced with Zigbee HA1.2 roller shades.
- Supports up to 40 devices maximum per Zigbee HA1.2 network if using Range Extenders. Devices are defined as Qadvanced shades, range extenders and QdR2 remotes.
- QzHub3 without Range Extender supports any combination of 15 shades and remotes.
- QzHub3 with Range Extender — a Range Extender takes up one of the 32 positions; 2 range extenders = 2 positions.
- QzHub3 must be plugged into a local Wi-Fi router for programming. Use the QMotion Qz3 app and follow the in-app instructions.
- Once shades are programmed successfully, they can be controlled with your smart device or the QdR2 remotes locally.



3.25" x 2.81" x 1.00"
Dimensions

Range Extender

Corded Range Extender

The Corded Range Extender can be used to create a standalone Zigbee environment for shade control. This is ideal for small installations where third party integration or mobile app control is not desired.

- Works standalone to create a Zigbee network.
- Recommended only for small applications with few shades.
- Extends range for Zigbee environments by 30'-50', depending on environment.
- Compatible with RZ2 range extenders.



RE
2"x2"x1"
Dimensions

RZ2 Range Extender

The RZ2 Range Extender may be used as part of a standalone Zigbee environment or to extend the range of a Zigbee remote. The RZ2 plugs directly into an outlet and has a screw tab for more permanent installation.

- Extends range for Zigbee environments by 30'-50', depending on environment.
- Use as many as required in an installation (refer to limits when used with QzHub3).
- Requires QzHub3 or Corded Range Extender for operation, does not work standalone.
- Plugs directly into standard wall outlet with screw tab for more permanent installation.



RZ2
2"x2"x1.5"
Dimensions

Building a Zigbee HA1.2 Mesh Network – Best Practices

The QMotion R&D group has determined a comfort level of 40 nodes on a Zigbee network using a QzHub3. This comfort level is to be maintained in order to sustain a functional Zigbee Mesh Network. Each device equals one node.

Example Network Set-Up A

- 1 QzHub3
- 4 range extenders
- 20 shades
- 4 remotes

Total - 28 nodes

Example Network Set-Up B

- 1 QzHub3
- 6 range extenders
- 24 shades
- 10 remotes

Total - 40 nodes

Please note that these network examples as designed MUST follow installation best practices for Zigbee. Visit our [website](#) for more information on Best Practices on Building a Zigbee Mesh Network.

QMotion Hembar Activation – AKA Manual Override Feature

QMotion Shades incorporate patented and unique tug features that allow the shade to open with just a short tug, or be lowered without the remote.

Tug the hembar less than 1"

- Shade opens to next highest preset position
(example: shade moves from 75% to 50%)

Tug the hembar downward between 1" - 2"

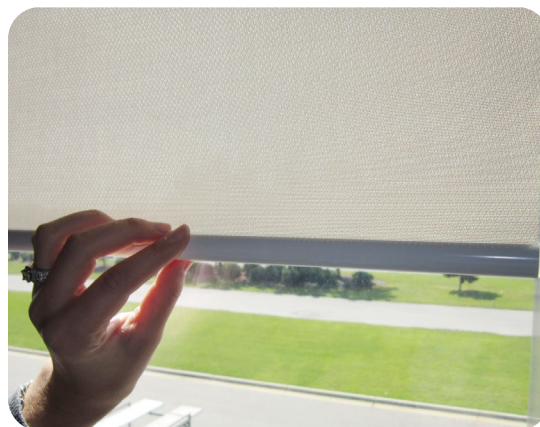
- Shade moves to full open

Tug the hembar MORE than 2"

- Shade remains at position stopped until pulled or sent up with a remote

Two successive tugs MORE than 2" in 10 seconds

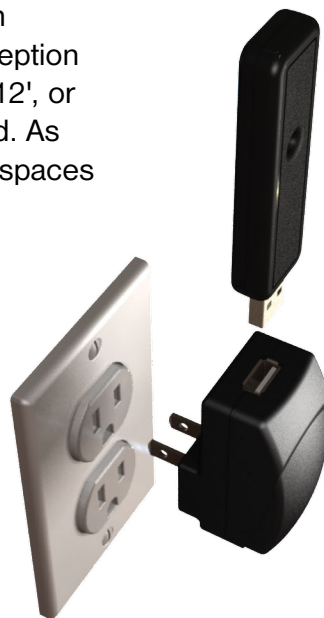
- Shade moves to full open



QMotion Qrelay for Gen 3 Shades

Each installation is different, and environmental factors may have an effect on transmission. In some cases, a Qrelay may be helpful in improving signal reception for Gen 3 Qadvanced shades. To consider in advance, if a room is over 12'x12', or a shade is 30' from where it would be controlled, the Qrelay is recommended. As these dimensions increase, the Qrelay will become increasingly helpful, and spaces significantly larger may even benefit from more than one Qrelay.

- Extends range of all QMotion Gen 3 remotes.
- Use as many as required in an installation (no limits).
- Powered from a wall outlet or from a powered USB port.
- Two modes of operation “Zone Specific” and “Echo”.
 - Zone specific mode allows individual remotes to be learned to the repeater.
 - Echo mode repeats all valid QMotion remote commands.
- Average remote range: 30'-100'. We recommend a Qrelay every 60' for maximum efficiency where Qrelays are necessary.
- Not recommended for placement behind large electronic devices.



QMotion App and Qsync

QMotion Smartphone Application “App” Features:

- Control QMotion shades with iOS and Android mobile devices.
- Virtual Shade: Drag your finger to place the shade to the desired positions.
- “Plug and Play” - Easy Set-up.
- Channel System to name, take and set reference photo to group shades and create “scenes”.
- Step by Step setup for learning, setting lower limit, and deleting shades.
- Control nearly 500 groups or unlimited number of shades per group from each Qsync.
- TCP/IP to 433Mhz bridge.
- Set up once and settings sync to other smartphones and tablets on the network.
- **Must Have Qsync Control Unit.**
- The QMotion app is available on Gen 3 automated shades. Due to the difference in the proprietary protocol, the Qsync device is different for Gen 2 and Gen 3 shade control.

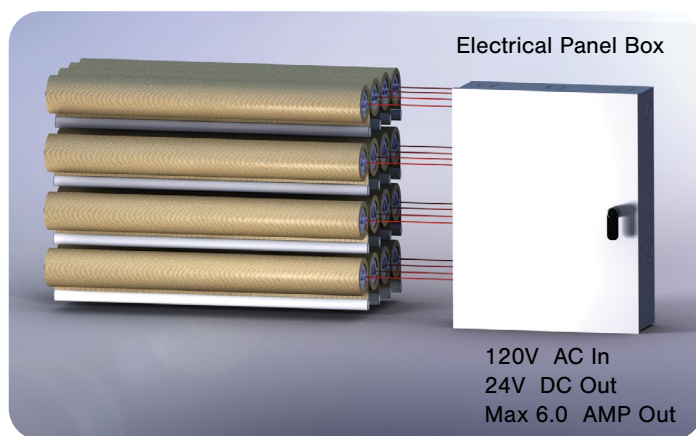


QMotion Low Voltage shades offer all the same features of QMotion Battery powered shades, and are compatible with fascia as well as controls.

- Battery tube is replaced with transformer leads.
- Each shade comes with a 18" wire lead (18 AWG/24V) extending out of the tube.
- Tube is configured to convert low voltage into the proper level to power the shade.
- Power supply options are available to power one shade or multiple shades.
- The power supply can be at the header with the shade, on the floor near the shade or in an equipment room several hundred feet away from the shade.
- In Single Shade Option, a plug-in power supply provides 24V DC to the shade.
- Low voltage single shades are controlled with the same wireless RF remote as the battery option shades.
- With the Low Voltage Distribution Box the power supply is designed to distribute the appropriate power to as many as four shades.
- The power distribution panel sends power individually up to sixteen shades. The panel also provides protection against short circuit or overload to individual shades.

- 24v to 48v power input accepted.
- QMotion Low Voltage shades continue to offer the unique and patented manual override system.
- This is available with Gen 3 proprietary protocol, 1-way communication.

**Electrical Panel Box system may be equipped with a customer supplied battery back up system, in the case of a site power event.*

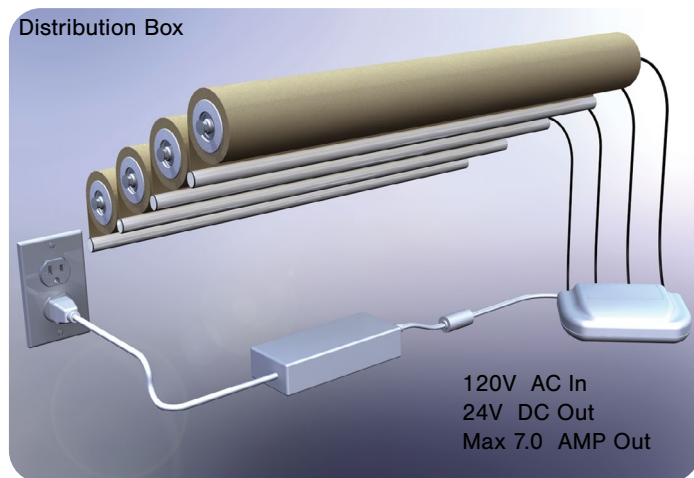


Wire Gauge Requirements

QMotion does not supply the wires from the transformer to the shades. Recommended minimum wire gauge requirements for distances between power supply and shade or distribution box and shade are as follows for the required 2 conductor cables:

Wire Length (ft.) 24v	Min. Wire Gauge
1500-3000	12
1200-1500	14
700-1200	16
500-700	18
0-500	20

****Consult your local electricity provider or state regulatory agency for their guidelines regarding cable installation. Comply with all building codes, safety regulations and legal standards.**

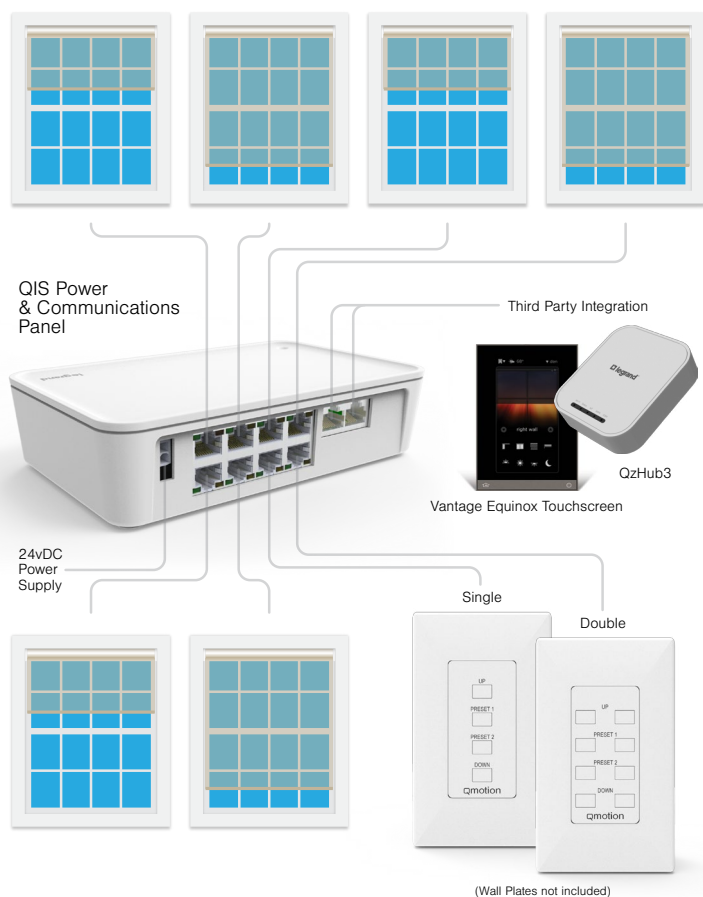


QMotion QIS Hardwired shades deliver a robust and dependable control system. The QIS systems are also compatible with fascia as well as controls.

- Battery tube is replaced with a male transformer lead.
- Each shade comes with a 6" or 35" wire; specify when ordering.
- They will ship with a male connector and an in-line coupler keystone insert module so that the shade can be installed, regardless of the job.
- Used with a Power and Communication Panel that can control up to 8 shades and/or controls.
- Max number of devices on the QIS system 200.
- Maximum distance from wall switch to farthest Power and Communication Panel is 1,000 feet.

- Power and Communication Panel comes with own power supply.
- Shades may be controlled with either iOS or Android smart devices or QdR2 remote for Zigbee HA1.2. The use of QdR2 remotes with QIS shades requires a QzHub3.
- Each Power and Communication Panel is designed to distribute the appropriate power to as many as eight shades or control devices.
- QMotion QIS Hardwired Shades offer the same unique and patented manual override system as our battery operated shades.
- Available with Zigbee HA1.2 proprietary protocol, 2-way communication.
- The panel also provides protection against short circuit or overload to individual shades.
- Maximum wire length for RS485 communication is 2,000 feet from source to shade.

Illustration



The Qadadvanced Intelligent System offers three methods for Shade Control:

- **Hardwire control:** Uses standard Cat5e or Cat6 cable for both power and communication. Controlled via hardwired wall switches.
- **Zigbee HA1.2:** Uses standard Cat5e or Cat6 cable for power. Wireless communication via Zigbee HA1.2 specification. Supports stand alone applications or Zigbee HA1.2 network applications that are easily integrated with third party control systems.
- **RS485 Communication:** Uses standard Cat5e or Cat6 cable for both power and communication. Third party integration via RS485 Protocol.

QMotion Power and Communication Panel Features:

- DC output: 24 Volt, 7.5 Amps
- AC input: 100-240 Volts ~ 2.5 Amps
- Wall Mounted Switches receive power through Power Over Cable (POC)
- Wireless Remotes Power Supplied through a CR2032 Coin Cell Battery
- RJ-45 Ports for Motorized Shades and and switches - Quantity 8
- Communication Ports (RS485) - Quantity 2



6.9" x 4.4" x 1.7"
Dimensions

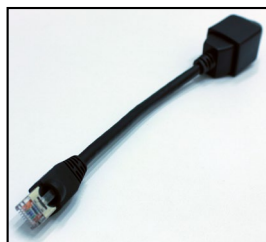
Use our pinout and visit our [website](#) for exact instructions.

Specifications

Product Specs	Max Distance
Up to 8'x8' Shade	1,250' to/from Power Communication Panel
8'x8' to 13'x15' Shade	750' to/from Power Communication Panel
Switch to farthest Power Panel	1,000' from wall switch to farthest Power and Communication Panel
Wire length from source to shade	2,000' for an RS 485 application

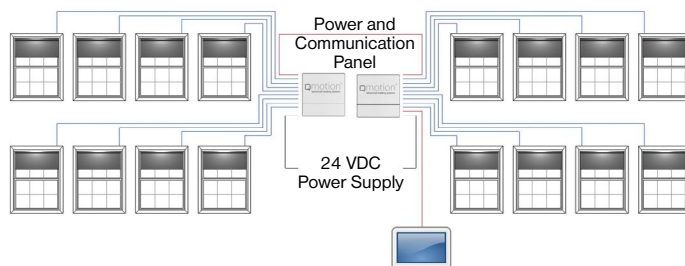
Wiring Adapter

QMotion's Wiring Adapter allows for pre-wired cabling to easily connect to QIS shades, resulting in simple and convenient access to QMotion shades without rewiring your entire system. This 6" adapter allows for the translation of communication and power without the added expense of proprietary cabling.

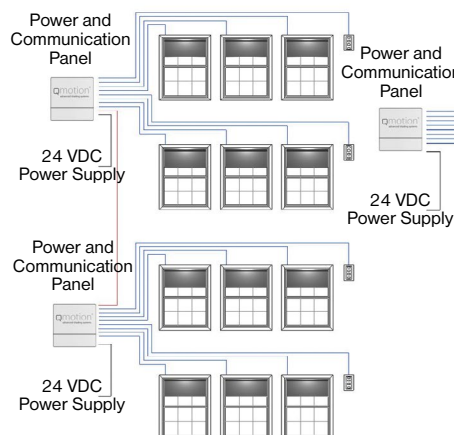


QIS Diagrams

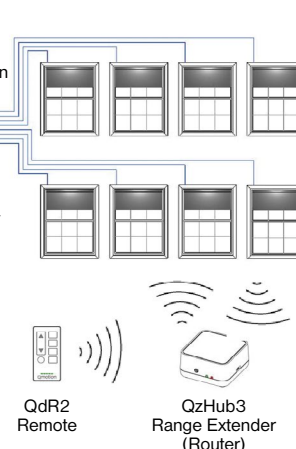
Third Party Integration



Hardwired Switch Application



Zigbee HA1.2 Application



These charts are designed to provide extensive details on the shades that we produce with our systems. The charts show the largest size possible with our Qadvanced motorized shades. Please note the size limitations for our manual shades as follows: **Qfree is available up to 96" x 96", Qbasic is available up to 120" x 144", and Qbasic+ is available up to 120" x 120.**

Note the gray sections on the charts. This means the fabric is unable to be motorized at the coordinating dimensions, as some materials cannot be railroaded. The numbers in each cell indicate the diameter of the rolled fabric when raised to the top. Fabric suppliers have variation in their weaves, but this information is based on our tested data for each material.

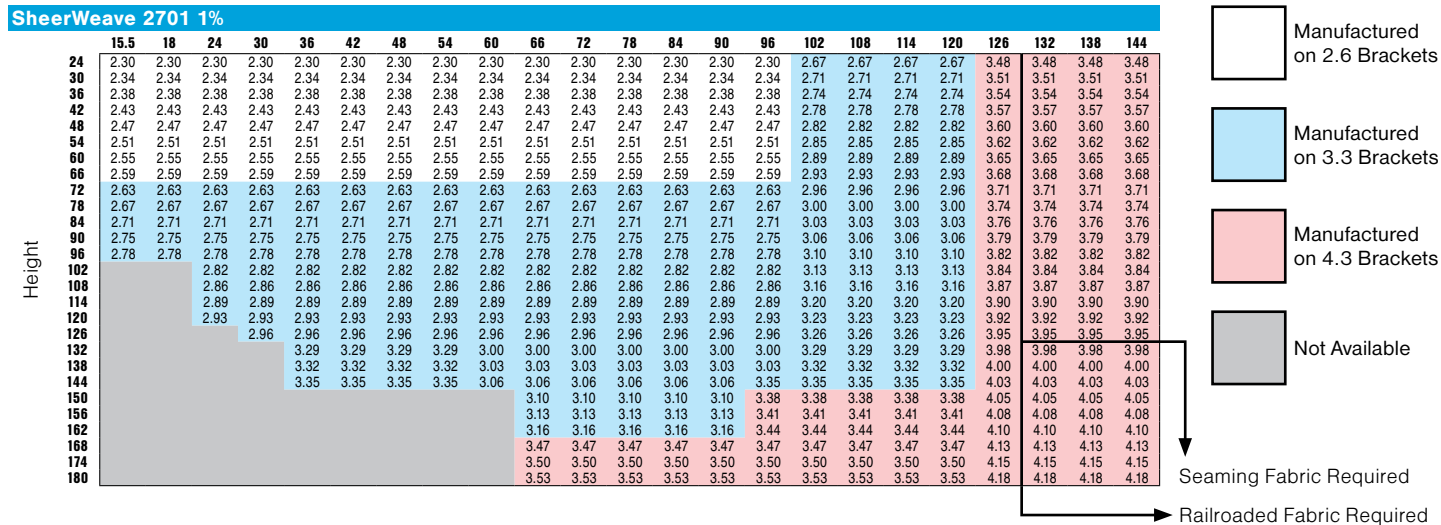
The section in the white color indicates that the shade will be shipped with our 2.6 brackets.

The section in light blue color will be shipped with the 3.3 brackets and the pink color for the 4.3 brackets. For actual bracket size please refer to Bracket Illustrations section in this guide.

For fabrics that can't be railroaded, check fabric roll width for maximum shade width. For fabrics that can be railroaded, see fabric charts in the guide. The railroad chart is in the end of this section.

The dark vertical line going through the graph indicates the size at which we would railroad the fabric, if available. The horizontal line indicates a seam is required. Not all railroaded fabrics will require a seam.

For our motorized shades, we are now able to produce shades as large as 156" in width and up to 180" in height, fabric dependent. Please refer to these fabric charts for size limitations or contact your customer service rep for any questions on the new larger sizes.



Fabric Selections (Charts on the following 22 pages):

Avila Twilight Blackout (Non-FR)	E Screen 3%	Greco	Matrix BO	Sepal	SheerWeave 2705 5%	SheerWeave Style 7450	Tenley
Avila Twilight Blackout (FR)	E Screen 3% KOOLBACK	GreenScreen Revive 1%	Milled	Shantung	SheerWeave 4000 5%	SheerWeave Style 7500R	Tenley BO
Blends BO	E Screen 5%	GreenScreen Revive 5%	Milled BO	Shiraz	SheerWeave 4400 3%	SheerWeave Style 7600	Texture
Branches	E Screen 5% KOOLBACK	Harvest	M Screen 5%	SheerWeave 2390 5%	SheerWeave 4800 1%	SheerWeave Style 7650	Texture BO
Burleigh	E Screen 10%	Infinity 3%	M Screen Deco 5%	SheerWeave 2410 3%	SheerWeave Style 7000	SheerWeave Style 7700R	Trevira
Cirrus	Etched BO	Infinity 5%	Park	SheerWeave 2500 1%	SheerWeave Style 7200R	SheerWeave Style 7750R	Vesper
Drifts	Flocke® Blackout	Lux	Rails	SheerWeave 2701 1%	SheerWeave Style 7250R	Sparks	Vizela 1%
E Screen 1%	Grains	Matrix	Ridges	SheerWeave 2703 3%	SheerWeave Style 7400	Tapestry	Wisp

Avila Twilight Blackout (Non-FR)

	15.5	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120	126	132	138	144	150	156	
24	2.22	2.22	2.22	2.22	2.22	2.22	2.22	2.22	2.22	2.22	2.22	2.22	2.22	2.22	2.22	2.22	2.60	2.60	2.60	2.60	3.42	3.42	3.42	3.42	3.42	3.42
30	2.26	2.26	2.26	2.26	2.26	2.26	2.26	2.26	2.26	2.26	2.26	2.26	2.26	2.26	2.26	2.26	2.63	2.63	2.63	2.63	3.44	3.44	3.44	3.44	3.44	3.44
36	2.29	2.29	2.29	2.29	2.29	2.29	2.29	2.29	2.29	2.29	2.29	2.29	2.29	2.29	2.29	2.29	2.66	2.66	2.66	2.66	3.46	3.46	3.46	3.46	3.46	3.46
42	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.69	2.69	2.69	2.69	3.49	3.49	3.49	3.49	3.49	3.49
48	2.36	2.36	2.36	2.36	2.36	2.36	2.36	2.36	2.36	2.36	2.36	2.36	2.36	2.36	2.36	2.36	2.72	2.72	2.72	2.72	3.51	3.51	3.51	3.51	3.51	3.51
54	2.39	2.39	2.39	2.39	2.39	2.39	2.39	2.39	2.39	2.39	2.39	2.39	2.39	2.39	2.39	2.39	2.74	2.74	2.74	2.74	3.53	3.53	3.53	3.53	3.53	3.53
60	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.77	2.77	2.77	2.77	3.55	3.55	3.55	3.55	3.55	3.55
66	2.45	2.45	2.45	2.45	2.45	2.45	2.45	2.45	2.45	2.45	2.45	2.45	2.45	2.45	2.45	2.45	2.80	2.80	2.80	2.80	3.57	3.57	3.57	3.57	3.57	3.57
72	2.48	2.48	2.48	2.48	2.48	2.48	2.48	2.48	2.48	2.48	2.48	2.48	2.48	2.48	2.48	2.48	2.83	2.83	2.83	2.83	3.59	3.59	3.59	3.59	3.59	3.59
78	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.85	2.85	2.85	2.85	3.62	3.62	3.62	3.62	3.62	3.62
84	2.54	2.54	2.54	2.54	2.54	2.54	2.54	2.54	2.54	2.54	2.54	2.54	2.54	2.54	2.54	2.54	2.88	2.88	2.88	2.88	3.64	3.64	3.64	3.64	3.64	3.64
90	2.57	2.57	2.57	2.57	2.57	2.57	2.57	2.57	2.57	2.57	2.57	2.57	2.57	2.57	2.57	2.57	2.91	2.91	2.91	2.91	3.66	3.66	3.66	3.66	3.66	3.66
96	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.93	2.93	2.93	2.93	3.68	3.68	3.68	3.68	3.68	3.68
102			2.63	2.63	2.63	2.63	2.63	2.63	2.63	2.63	2.63	2.63	2.63	2.63	2.63	2.63	2.96	2.96	2.96	2.96	3.70	3.70	3.70	3.70	3.70	3.70
108			2.66	2.66	2.66	2.66	2.66	2.66	2.66	2.66	2.66	2.66	2.66	2.66	2.66	2.66	2.98	2.98	2.98	2.98	3.72	3.72	3.72	3.72	3.72	3.72
114			2.69	2.69	2.69	2.69	2.69	2.69	2.69	2.69	2.69	2.69	2.69	2.69	2.69	2.69	3.01	3.01	3.01	3.01	3.74	3.74	3.74	3.74	3.74	3.74
120			2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72	3.03	3.03	3.03	3.03						
126				3.06	3.06	3.06	3.06	3.06	3.06	3.06	3.06	3.06	3.06	3.06	3.06	3.06	3.06	3.06	3.06	3.06						
132					3.08	3.08	3.08	3.08	3.08	3.08	3.08	3.08	3.08	3.08	3.08	3.08	3.08	3.08	3.08	3.08						
138					3.11	3.11	3.11	3.11	3.11	3.11	3.11	3.11	3.11	3.11	3.11	3.11	3.11	3.11	3.11	3.11						
144									2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	3.13	3.13	3.13	3.13						
150										2.85	2.85	2.85	2.85	2.85	2.85	2.85	3.16	3.16	3.16	3.16						
156											3.18	3.18	3.18	3.18	3.18	3.18	3.18	3.18	3.18	3.18						
162											3.21	3.21	3.21	3.21	3.21	3.21	3.21	3.21	3.21	3.21						
168											3.23	3.23	3.23	3.23	3.23	3.23	3.23	3.23	3.23	3.23						
174											3.25	3.25	3.25	3.25	3.25	3.25	3.25	3.25	3.25	3.25						
180											3.28	3.28	3.28	3.28	3.28	3.28	3.28	3.28	3.28	3.28						

Avila Twilight Blackout (FR)

	15.5	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120	126	132	138	144	150	156
24	2.19	2.19	2.19	2.19	2.19	2.19	2.19	2.19	2.19	2.19	2.19	2.19	2.19	2.19	2.19	2.57	2.57	2.57	2.57	3.40	3.40	3.40	3.40	3.40	3.40
30	2.22	2.22	2.22	2.22	2.22	2.22	2.22	2.22	2.22	2.22	2.22	2.22	2.22	2.22	2.22	2.60	2.60	2.60	2.60	3.41	3.41	3.41	3.41	3.41	3.41
36	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.62	2.62	2.62	2.62	3.43	3.43	3.43	3.43	3.43	3.43
42	2.28	2.28	2.28	2.28	2.28	2.28	2.28	2.28	2.28	2.28	2.28	2.28	2.28	2.28	2.28	2.65	2.65	2.65	2.65	3.45	3.45	3.45	3.45	3.45	3.45
48	2.31	2.31	2.31	2.31	2.31	2.31	2.31	2.31	2.31	2.31	2.31	2.31	2.31	2.31	2.31	2.67	2.67	2.67	2.67	3.47	3.47	3.47	3.47	3.47	3.47
54	2.33	2.33	2.33	2.33	2.33	2.33	2.33	2.33	2.33	2.33	2.33	2.33	2.33	2.33	2.33	2.69	2.69	2.69	2.69	3.49	3.49	3.49	3.49	3.49	3.49
60	2.36	2.36	2.36	2.36	2.36	2.36	2.36	2.36	2.36	2.36	2.36	2.36	2.36	2.36	2.36	2.72	2.72	2.72	2.72	3.51	3.51	3.51	3.51	3.51	3.51
66	2.39	2.39	2.39	2.39	2.39	2.39	2.39	2.39	2.39	2.39	2.39	2.39	2.39	2.39	2.39	2.74	2.74	2.74	2.74	3.53	3.53	3.53	3.53	3.53	3.53
72	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.77	2.77	2.77	2.77	3.55	3.55	3.55	3.55	3.55	3.55
78	2.44	2.44	2.44	2.44	2.44	2.44	2.44	2.44	2.44	2.44	2.44	2.44	2.44	2.44	2.44	2.79	2.79	2.79	2.79	3.56	3.56	3.56	3.56	3.56	3.56
84	2.47	2.47	2.47	2.47	2.47	2.47	2.47	2.47	2.47	2.47	2.47	2.47	2.47	2.47	2.47	2.81	2.81	2.81	2.81	3.58	3.58	3.58	3.58	3.58	3.58
90	2.49	2.49	2.49	2.49	2.49	2.49	2.49	2.49	2.49	2.49	2.49	2.49	2.49	2.49	2.49	2.84	2.84	2.84	2.84	3.60	3.60	3.60	3.60	3.60	3.60
96	2.52	2.52	2.52	2.52	2.52	2.52	2.52	2.52	2.52	2.52	2.52	2.52	2.52	2.52	2.52	2.86	2.86	2.86	2.86	3.62	3.62	3.62	3.62	3.62	3.62
102			2.55	2.55	2.55	2.55	2.55	2.55	2.55	2.55	2.55	2.55	2.55	2.55	2.55	2.88	2.88	2.88	2.88	3.64	3.64	3.64	3.64	3.64	3.64
108			2.57	2.57	2.57	2.57	2.57	2.57	2.57	2.57	2.57	2.57	2.57	2.57	2.57	2.90	2.90	2.90	2.90	3.65	3.65	3.65	3.65	3.65	3.65
114			2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.93	2.93	2.93	2.93	3.67	3.67	3.67	3.67	3.67	3.67
120			2.95	2.95	2.95	2.95	2.95	2.95	2.95	2.95	2.95	2.95	2.95	2.95	2.95	2.95	2.95	2.95	2.95						
126				2.97	2.97	2.97	2.97	2.97	2.97	2.97	2.97	2.97	2.97	2.97	2.97	2.97	2.97	2.97	2.97						
132				2.99	2.99	2.99	2.99	2.99	2.99	2.99	2.99	2.99	2.99	2.99	2.99	2.99	2.99	2.99	2.99						
138									2.70	2.70	2.70	2.70	2.70	2.70	2.70	3.01	3.01	3.01	3.01						
144									2.72	2.72	2.72	2.72	2.72	2.72	2.72	3.03	3.03	3.03	3.03						
150										2.74	2.74	2.74	2.74	2.74	2.74	3.06	3.06	3.06	3.06						
156											3.08	3.08	3.08	3.08	3.08	3.08	3.08	3.08	3.08						
162											3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.10						
168											3.12	3.12	3.12	3.12	3.12	3.12	3.12	3.12	3.12						
174											3.14	3.14	3.14	3.14	3.14	3.14	3.14	3.14	3.14						
180											3.86	3.86	3.86	3.86	3.86	3.86	3.86	3.86	3.86						

Blends BO

	15.5	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120	126	132
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Branches

		15.5	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120	126	132	138	144	150	156
Height	24	2.10	2.10	2.10	2.10	2.10	2.10	2.10	2.10	2.10	2.10	2.10	2.10													
	30	2.12	2.12	2.12	2.12	2.12	2.12	2.12	2.12	2.12	2.12	2.12	2.12													
	36	2.13	2.13	2.13	2.13	2.13	2.13	2.13	2.13	2.13	2.13	2.13	2.13													
	42	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.15													
	48	2.17	2.17	2.17	2.17	2.17	2.17	2.17	2.17	2.17	2.17	2.17	2.17													
	54	2.18	2.18	2.18	2.18	2.18	2.18	2.18	2.18	2.18	2.18	2.18	2.18													
	60	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20	2.20													
	66	2.21	2.21	2.21	2.21	2.21	2.21	2.21	2.21	2.21	2.21	2.21	2.21													
	72	2.23	2.23	2.23	2.23	2.23	2.23	2.23	2.23	2.23	2.23	2.23	2.23													
	78	2.24	2.24	2.24	2.24	2.24	2.24	2.24	2.24	2.24	2.24	2.24	2.24													
	84	2.26	2.26	2.26	2.26	2.26	2.26	2.26	2.26	2.26	2.26	2.26	2.26													
	90	2.28	2.28	2.28	2.28	2.28	2.28	2.28	2.28	2.28	2.28	2.28	2.28													
	96	2.29	2.29	2.29	2.29	2.29	2.29	2.29	2.29	2.29	2.29	2.29	2.29													
	102			2.31	2.31	2.31	2.31	2.31	2.31	2.31	2.31	2.31	2.31													
	108			2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32													
	114			2.69	2.69	2.69	2.69	2.69	2.69	2.69	2.69	2.69	2.69													
	120			2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70	2.70													
	126				2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72													
132										3.51	3.51	3.51	3.51													
138										3.52	3.52	3.52	3.52													
144										3.53	3.53	3.53	3.53													
150											3.54	3.54	3.54													
156											3.55	3.55	3.55													
162											3.56	3.56	3.56													
168											3.57	3.57	3.57													
174											3.58	3.58	3.58													
180											3.59	3.59	3.59													

Burleigh

[illegible]

Cirrus

[illegible]

E Screen 10%

		15.5	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120	126	132	138	144	150	156	
Height	24	2.22	2.22	2.22	2.22	2.22	2.22	2.22	2.22	2.22	2.22	2.22	2.22	2.22	2.22	2.22	2.60	2.60	2.60	2.60	3.42	3.42	3.42	3.42	3.42	3.42	
	30	2.26	2.26	2.26	2.26	2.26	2.26	2.26	2.26	2.26	2.26	2.26	2.26	2.26	2.26	2.26	2.26	2.63	2.63	2.63	2.63	3.44	3.44	3.44	3.44	3.44	3.44
	36	2.29	2.29	2.29	2.29	2.29	2.29	2.29	2.29	2.29	2.29	2.29	2.29	2.29	2.29	2.29	2.29	2.66	2.66	2.66	2.66	3.46	3.46	3.46	3.46	3.46	3.46
	42	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.69	2.69	2.69	2.69	3.49	3.49	3.49	3.49	3.49	3.49
	48	2.36	2.36	2.36	2.36	2.36	2.36	2.36	2.36	2.36	2.36	2.36	2.36	2.36	2.36	2.36	2.36	2.72	2.72	2.72	2.72	3.51	3.51	3.51	3.51	3.51	3.51
	54	2.39	2.39	2.39	2.39	2.39	2.39	2.39	2.39	2.39	2.39	2.39	2.39	2.39	2.39	2.39	2.39	2.74	2.74	2.74	2.74	3.53	3.53	3.53	3.53	3.53	3.53
	60	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.77	2.77	2.77	2.77	3.55	3.55	3.55	3.55	3.55	3.55
	66	2.45	2.45	2.45	2.45	2.45	2.45	2.45	2.45	2.45	2.45	2.45	2.45	2.45	2.45	2.45	2.45	2.80	2.80	2.80	2.80	3.57	3.57	3.57	3.57	3.57	3.57
	72	2.48	2.48	2.48	2.48	2.48	2.48	2.48	2.48	2.48	2.48	2.48	2.48	2.48	2.48	2.48	2.48	2.83	2.83	2.83	2.83	3.59	3.59	3.59	3.59	3.59	3.59
	78	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.51	2.85	2.85	2.85	2.85	3.62	3.62	3.62	3.62	3.62	3.62
	84	2.54	2.54	2.54	2.54	2.54	2.54	2.54	2.54	2.54	2.54	2.54	2.54	2.54	2.54	2.54	2.54	2.88	2.88	2.88	2.88	3.64	3.64	3.64	3.64	3.64	3.64
	90	2.57	2.57	2.57	2.57	2.57	2.57	2.57	2.57	2.57	2.57	2.57	2.57	2.57	2.57	2.57	2.57	2.91	2.91	2.91	2.91	3.66	3.66	3.66	3.66	3.66	3.66
	96	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.93	2.93	2.93	2.93	3.68	3.68	3.68	3.68	3.68	3.68
	102			2.63	2.63	2.63	2.63	2.63	2.63	2.63	2.63	2.63	2.63	2.63	2.63	2.63	2.63	2.96	2.96	2.96	2.96	3.70	3.70	3.70	3.70	3.70	3.70
	108			2.66	2.66	2.66	2.66	2.66	2.66	2.66	2.66	2.66	2.66	2.66	2.66	2.66	2.66	2.98	2.98	2.98	2.98	3.72	3.72	3.72	3.72	3.72	3.72
	114			2.69	2.69	2.69	2.69	2.69	2.69	2.69	2.69	2.69	2.69	2.69	2.69	2.69	2.69	3.01	3.01	3.01	3.01	3.74	3.74	3.74	3.74	3.74	3.74

Etched BO

	15.5	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120	126	132	138	144	150	156
Height	24	2.33	2.33	2.33	2.33	2.33	2.33	2.33	2.33	2.33	2.33	2.33	2.33	2.33	2.33	2.70	2.70								
	30	2.37	2.37	2.37	2.37	2.37	2.37	2.37	2.37	2.37	2.37	2.37	2.37	2.37	2.37	2.74	2.74								
	36	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.78	2.78								
	42	2.47	2.47	2.47	2.47	2.47	2.47	2.47	2.47	2.47	2.47	2.47	2.47	2.47	2.47	2.82	2.82								
	48	2.52	2.52	2.52	2.52	2.52	2.52	2.52	2.52	2.52	2.52	2.52	2.52	2.52	2.52	2.86	2.86								
	54	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.90	2.90								
	60	2.61	2.61	2.61	2.61	2.61	2.61	2.61	2.61	2.61	2.61	2.61	2.61	2.61	2.61	2.94	2.94								
	66	2.65	2.65	2.65	2.65	2.65	2.65	2.65	2.65	2.65	2.65	2.65	2.65	2.65	2.65	2.98	2.98								
	72	2.69	2.69	2.69	2.69	2.69	2.69	2.69	2.69	2.69	2.69	2.69	2.69	2.69	2.69	3.02	3.02								
	78	2.73	2.73	2.73	2.73	2.73	2.73	2.73	2.73	2.73	2.73	2.73	2.73	2.73	2.73	3.05	3.05								
	84	2.78	2.78	2.78	2.78	2.78	2.78	2.78	2.78	2.78	2.78	2.78	2.78	2.78	2.78	3.09	3.09								
	90	2.82	2.82	2.82	2.82	2.82	2.82	2.82	2.82	2.82	2.82	2.82	2.82	2.82	2.82	3.13	3.13								
	96	2.86	2.86		2.86	2.86	2.86	2.86	2.86	2.86	2.86	2.86	2.86	2.86	2.86	3.17	3.17								
	102			2.90	2.90	2.90	2.90	2.90	2.90	2.90	2.90	2.90	2.90	2.90	2.90	3.20	3.20								
	108			2.94	2.94	2.94	2.94	2.94	2.94	2.94	2.94	2.94	2.94	2.94	2.94	3.24	3.24								
	114			2.97	2.97	2.97	2.97	2.97	2.97	2.97	2.97	2.97	2.97	2.97	2.97	3.27	3.27								
120			3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.31	3.31									
126				3.05	3.05	3.05	3.05	3.05	3.05	3.05	3.05	3.05	3.05	3.05	3.34	3.34									
132					3.38	3.38	3.38	3.38	3.09	3.09	3.09	3.09	3.09	3.09	3.38	3.38									
138					3.41	3.41	3.41	3.41	3.12	3.12	3.12	3.12	3.12	3.12	3.41	3.41									
144					3.44	3.44	3.44	3.44	3.16	3.16	3.16	3.16	3.16	3.16	3.44	3.44									
150					3.48	3.48	3.48	3.48	3.48						3.48	3.48									
156										3.23	3.23	3.23	3.23	3.23	3.51	3.51	3.51								
162										3.27	3.27	3.27	3.27	3.27	3.54	3.54	3.54								
168										3.30	3.30	3.30	3.30	3.30	3.57	3.57	3.57								
174										3.61	3.61	3.61	3.61	3.61	3.61	3.61	3.61								
180										3.64	3.64	3.64	3.64	3.64	3.64	3.64	3.64								

Flocké Blackout

[illegible]

Infinity 5%

		15.5	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120	126	132	138	144	150	156
Height	24	2.33	2.33	2.33	2.33	2.33	2.33	2.33	2.33	2.33	2.33	2.33	2.33	2.33	2.33	2.33										
	30	2.37	2.37	2.37	2.37	2.37	2.37	2.37	2.37	2.37	2.37	2.37	2.37	2.37	2.37	2.37										
	36	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42										
	42	2.47	2.47	2.47	2.47	2.47	2.47	2.47	2.47	2.47	2.47	2.47	2.47	2.47	2.47	2.47										
	48	2.52	2.52	2.52	2.52	2.52	2.52	2.52	2.52	2.52	2.52	2.52	2.52	2.52	2.52	2.52										
	54	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56										
	60	2.61	2.61	2.61	2.61	2.61	2.61	2.61	2.61	2.61	2.61	2.61	2.61	2.61	2.61	2.61										
	66	2.65	2.65	2.65	2.65	2.65	2.65	2.65	2.65	2.65	2.65	2.65	2.65	2.65	2.65	2.65										
	72	2.69	2.69	2.69	2.69	2.69	2.69	2.69	2.69	2.69	2.69	2.69	2.69	2.69	2.69	2.69										
	78	2.73	2.73	2.73	2.73	2.73	2.73	2.73	2.73	2.73	2.73	2.73	2.73	2.73	2.73	2.73										
	84	2.78	2.78	2.78	2.78	2.78	2.78	2.78	2.78	2.78	2.78	2.78	2.78	2.78	2.78	2.78										
	90	2.82	2.82	2.82	2.82	2.82	2.82	2.82	2.82	2.82	2.82	2.82	2.82	2.82	2.82	2.82										
	96	2.86	2.86	2.86	2.86	2.86	2.86	2.86	2.86	2.86	2.86	2.86	2.86	2.86	2.86	2.86										
	102				2.90	2.90	2.90	2.90	2.90	2.90	2.90	2.90	2.90	2.90	2.90	2.90										
	108				2.94	2.94	2.94	2.94	2.94	2.94	2.94	2.94	2.94	2.94	2.94	2.94										
	114				2.97	2.97	2.97	2.97	2.97	2.97	2.97	2.97	2.97	2.97	2.97	2.97										
	120				3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01	3.01										
	126					3.05	3.05	3.05	3.05	3.05	3.05	3.05	3.05	3.05	3.05	3.05										
132						3.38	3.38	3.38	3.38	3.09	3.09	3.09	3.09	3.09	3.09											
138						3.41	3.41	3.41	3.41	3.12	3.12	3.12	3.12	3.12	3.12											
144						3.44	3.44	3.44	3.44	3.16	3.16	3.16	3.16	3.16	3.16											
150						3.48	3.48	3.48	3.48	3.48	3.20	3.20	3.20	3.20	3.20											
156											3.23	3.23	3.23	3.23	3.23											
162											3.27	3.27	3.27	3.27	3.27											
168											3.30	3.30	3.30	3.30	3.30											
174											3.61	3.61	3.61	3.61	3.61											
180											3.64	3.64	3.64	3.64	3.64											

Lux

[illegible]

M Screen 5%

		15.5	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120	126	132	138	144	150	156
Height	24	2.24	2.24	2.24	2.24	2.24	2.24	2.24	2.24	2.24	2.24	2.24	2.24	2.24	2.24	2.24	2.62	2.62	2.62	2.62						
	30	2.28	2.28	2.28	2.28	2.28	2.28	2.28	2.28	2.28	2.28	2.28	2.28	2.28	2.28	2.28	2.65	2.65	2.65	2.65						
	36	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.68	2.68	2.68	2.68						
	42	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.71	2.71	2.71	2.71						
	48	2.39	2.39	2.39	2.39	2.39	2.39	2.39	2.39	2.39	2.39	2.39	2.39	2.39	2.39	2.39	2.74	2.74	2.74	2.74						
	54	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.78	2.78	2.78	2.78						
	60	2.46	2.46	2.46	2.46	2.46	2.46	2.46	2.46	2.46	2.46	2.46	2.46	2.46	2.46	2.46	2.81	2.81	2.81	2.81						
	66	2.49	2.49	2.49	2.49	2.49	2.49	2.49	2.49	2.49	2.49	2.49	2.49	2.49	2.49	2.49	2.84	2.84	2.84	2.84						
	72	2.53	2.53	2.53	2.53	2.53	2.53	2.53	2.53	2.53	2.53	2.53	2.53	2.53	2.53	2.53	2.86	2.86	2.86	2.86						
	78	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.89	2.89	2.89	2.89						
	84	2.59	2.59	2.59	2.59	2.59	2.59	2.59	2.59	2.59	2.59	2.59	2.59	2.59	2.59	2.59	2.92	2.92	2.92	2.92						
	90	2.62	2.62	2.62	2.62	2.62	2.62	2.62	2.62	2.62	2.62	2.62	2.62	2.62	2.62	2.62	2.95	2.95	2.95	2.95						
	96	2.65	2.65														2.98	2.98	2.98	2.98						
	102			2.69	2.69	2.69	2.69	2.69	2.69	2.69	2.69	2.69	2.69	2.69	2.69	2.69	3.01	3.01	3.01	3.01						
	108			2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72	3.04	3.04	3.04	3.04						
	114			2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	3.06	3.06	3.06	3.06						
120			2.78	2.78	2.78	2.78	2.78	2.78	2.78	2.78	2.78	2.78	2.78	2.78	2.78	3.09	3.09	3.09	3.09							
126				3.12	3.12	3.12	3.12	3.12	3.12	2.81	2.81	2.81	2.81	2.81	2.81	3.12	3.12	3.12	3.12							
132				3.14	3.14	3.14	3.14	3.14	3.14	2.84	2.84	2.84	2.84	2.84	2.84	3.14	3.14	3.14	3.14							
138					3.17	3.17	3.17	3.17	3.17	2.87	2.87	2.87	2.87	2.87	2.87	3.17	3.17	3.17	3.17							
144										2.90	2.90	2.90	2.90	2.90	2.90	3.20	3.20	3.20	3.20							
150											2.93	2.93	2.93	2.93	2.93	3.22	3.22	3.22	3.22							
156											2.95	2.95	2.95	2.95	2.95	3.25	3.25	3.25	3.25							
162											3.28	3.28	3.28	3.28	3.28	3.28	3.28	3.28	3.28							
168											3.30	3.30	3.30	3.30	3.30	3.30	3.30	3.30	3.30							
174											3.33	3.33	3.33	3.33	3.33	3.33	3.33	3.33	3.33							
180											3.35	3.35	3.35	3.35	3.35	3.35	3.35	3.35	3.35							

SheerWeave 2410 3%

	15.5	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120	126	132	138	144	150	156
24	2.21	2.21	2.21	2.21	2.21	2.21	2.21	2.21	2.21	2.21	2.21	2.21	2.21	2.21	2.21	2.21	2.59	2.59	2.59	2.59	3.41	3.41	3.41	3.41	3.41
30	2.24	2.24	2.24	2.24	2.24	2.24	2.24	2.24	2.24	2.24	2.24	2.24	2.24	2.24	2.24	2.24	2.62	2.62	2.62	2.62	3.43	3.43	3.43	3.43	3.43
36	2.28	2.28	2.28	2.28	2.28	2.28	2.28	2.28	2.28	2.28	2.28	2.28	2.28	2.28	2.28	2.28	2.65	2.65	2.65	2.65	3.45	3.45	3.45	3.45	3.45
42	2.31	2.31	2.31	2.31	2.31	2.31	2.31	2.31	2.31	2.31	2.31	2.31	2.31	2.31	2.31	2.31	2.67	2.67	2.67	2.67	3.48	3.48	3.48	3.48	3.48
48	2.34	2.34	2.34	2.34	2.34	2.34	2.34	2.34	2.34	2.34	2.34	2.34	2.34	2.34	2.34	2.34	2.70	2.70	2.70	2.70	3.50	3.50	3.50	3.50	3.50
54	2.37	2.37	2.37	2.37	2.37	2.37	2.37	2.37	2.37	2.37	2.37	2.37	2.37	2.37	2.37	2.37	2.73	2.73	2.73	2.73	3.52	3.52	3.52	3.52	3.52
60	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.75	2.75	2.75	2.75	3.54	3.54	3.54	3.54	3.54
66	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.78	2.78	2.78	2.78	3.56	3.56	3.56	3.56	3.56
72	2.46	2.46	2.46	2.46	2.46	2.46	2.46	2.46	2.46	2.46	2.46	2.46	2.46	2.46	2.46	2.46	2.81	2.81	2.81	2.81	3.58	3.58	3.58	3.58	3.58
78	2.49	2.49	2.49	2.49	2.49	2.49	2.49	2.49	2.49	2.49	2.49	2.49	2.49	2.49	2.49	2.49	2.83	2.83	2.83	2.83	3.60	3.60	3.60	3.60	3.60
84	2.52	2.52	2.52	2.52	2.52	2.52	2.52	2.52	2.52	2.52	2.52	2.52	2.52	2.52	2.52	2.52	2.86	2.86	2.86	2.86	3.62	3.62	3.62	3.62	3.62
90	2.55	2.55	2.55	2.55	2.55	2.55	2.55	2.55	2.55	2.55	2.55	2.55	2.55	2.55	2.55	2.55	2.88	2.88	2.88	2.88	3.64	3.64	3.64	3.64	3.64
96	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.91	2.91	2.91	2.91	3.66	3.66	3.66	3.66	3.66
102			2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.93	2.93	2.93	2.93	3.68	3.68	3.68	3.68	3.68
108			2.63	2.63	2.63	2.63	2.63	2.63	2.63	2.63	2.63	2.63	2.63	2.63	2.63	2.63	2.96	2.96	2.96	2.96	3.70	3.70	3.70	3.70	3.70
114			2.66	2.66	2.66	2.66	2.66	2.66	2.66	2.66	2.66	2.66	2.66	2.66	2.66	2.66	2.98	2.98	2.98	2.98	3.72	3.72	3.72	3.72	3.72
120			3.01		3.01	3.01	3.01	3.01	2.69	2.69	2.69	2.69	2.69	2.69	2.69	3.01	3.01	3.01	3.01	3.74	3.74	3.74	3.74	3.74	
126					3.03	3.03	3.03	3.03	2.71	2.71	2.71	2.71	2.71	2.71	2.71	3.03	3.03	3.03	3.03	3.76	3.76	3.76	3.76	3.76	
132					3.05	3.05	3.05	3.05	2.74	2.74	2.74	2.74	2.74	2.74	2.74	3.05	3.05	3.05	3.05	3.78	3.78	3.78	3.78	3.78	
138					3.08	3.08	3.08	3.08	2.77	2.77	2.77	2.77	2.77	2.77	2.77	3.08	3.08	3.08	3.08	3.79	3.79	3.79	3.79	3.79	
144									2.79	2.79	2.79	2.79	2.79	2.79	2.79	3.10	3.10	3.10	3.10	3.81	3.81	3.81	3.81	3.81	
150										2.82	2.82	2.82	2.82	2.82	2.82	3.12	3.12	3.12	3.12	3.83	3.83	3.83	3.83	3.83	
156										3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.85	3.85	3.85	3.85	3.85	
162										3.17	3.17	3.17	3.17	3.17	3.17	3.17	3.17	3.17	3.17	3.87	3.87	3.87	3.87	3.87	
168										3.19	3.19	3.19	3.19	3.19	3.19	3.19	3.19	3.19	3.19	3.89	3.89	3.89	3.89	3.89	
174										3.22	3.22	3.22	3.22	3.22	3.22	3.22	3.22	3.22	3.22	3.91	3.91	3.91	3.91	3.91	
180										3.93	3.93	3.93	3.93	3.93	3.93	3.93	3.93	3.93	3.93	3.93	3.93	3.93	3.93	3.93	

SheerWeave 2500 1%

	15.5	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120	126	132	138	144	150	156
24	2.26	2.26	2.26	2.26	2.26	2.26	2.26	2.26	2.26	2.26	2.26	2.26	2.26	2.26	2.26	2.64	2.64	2.64	2.64	3.45	3.45	3.45	3.45	3.45	
30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.67	2.67	2.67	2.67	3.48	3.48	3.48	3.48	3.48	
36	2.34	2.34	2.34	2.34	2.34	2.34	2.34	2.34	2.34	2.34	2.34	2.34	2.34	2.34	2.34	2.71	2.71	2.71	2.71	3.51	3.51	3.51	3.51	3.51	
42	2.38	2.38	2.38	2.38	2.38	2.38	2.38	2.38	2.38	2.38	2.38	2.38	2.38	2.38	2.38	2.74	2.74	2.74	2.74	3.53	3.53	3.53	3.53	3.53	
48	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.77	2.77	2.77	2.77	3.56	3.56	3.56	3.56	3.56	
54	2.46	2.46	2.46	2.46	2.46	2.46	2.46	2.46	2.46	2.46	2.46	2.46	2.46	2.46	2.46	2.81	2.81	2.81	2.81	3.58	3.58	3.58	3.58	3.58	
60	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.84	2.84	2.84	2.84	3.61	3.61	3.61	3.61	3.61	
66	2.53	2.53	2.53	2.53	2.53	2.53	2.53	2.53	2.53	2.53	2.53	2.53	2.53	2.53	2.53	2.87	2.87	2.87	2.87	3.63	3.63	3.63	3.63	3.63	
72	2.57	2.57	2.57	2.57	2.57	2.57	2.57	2.57	2.57	2.57	2.57	2.57	2.57	2.57	2.57	2.90	2.90	2.90	2.90	3.66	3.66	3.66	3.66	3.66	
78	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.93	2.93	2.93	2.93	3.68	3.68	3.68	3.68	3.68	
84	2.64	2.64	2.64	2.64	2.64	2.64	2.64	2.64	2.64	2.64	2.64	2.64	2.64	2.64	2.64	2.97	2.97	2.97	2.97	3.71	3.71	3.71	3.71	3.71	
90	2.67	2.67	2.67	2.67	2.67	2.67	2.67	2.67	2.67	2.67	2.67	2.67	2.67	2.67	2.67	3.00	3.00	3.00	3.00	3.73	3.73	3.73	3.73	3.73	
96	2.71	2.71	2.71	2.71	2.71	2.71	2.71	2.71	2.71	2.71	2.71	2.71	2.71	2.71	2.71	3.03	3.03	3.03	3.03	3.76	3.76	3.76	3.76	3.76	
102			2.74	2.74	2.74	2.74	2.74	2.74	2.74	2.74	2.74	2.74	2.74	2.74	2.74	3.06	3.06	3.06	3.06	3.78	3.78	3.78	3.78	3.78	
108			2.77	2.77	2.77	2.77	2.77	2.77	2.77	2.77	2.77	2.77	2.77	2.77	2.77	3.09	3.09	3.09	3.09	3.81	3.81	3.81	3.81	3.81	
114			2.81	2.81	2.81	2.81	2.81	2.81	2.81	2.81	2.81	2.81	2.81	2.81	2.81	3.12	3.12	3.12	3.12	3.83	3.83	3.83	3.83	3.83	
120			2.84	2.84	2.84	2.84	2.84	2.84	2.84	2.84	2.84	2.84	2.84	2.84	2.84	3.15	3.15	3.15	3.15	3.86	3.86	3.86	3.86	3.86	
126					3.17	3.17	3.17	3.17	2.87	2.87	2.87	2.87	2.87	2.87	2.87	3.17	3.17	3.17	3.17	3.88	3.88	3.88	3.88	3.88	
132					3.20	3.20	3.20	3.20	2.90	2.90	2.90	2.90	2.90	2.90	2.90	3.20	3.20	3.20	3.20	3.90	3.90	3.90	3.90	3.90	
138					3.23	3.23	3.23	3.23	2.93	2.93	2.93	2.93	2.93	2.93	2.93	3.23	3.23	3.23	3.23	3.93	3.93	3.93	3.93	3.93	
144					3.26	3.26	3.26	3.26	2.97	2.97	2.97	2.97	2.97	2.97	2.97	3.26	3.26	3.26	3.26	3.95	3.95	3.95	3.95	3.95	
150									3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.29	3.29	3.29	3.29	3.97	3.97	3.97	3.97	3.97	
156									3.03	3.03	3.03	3.03	3.03	3.03	3.03	3.32	3.32	3.32	3.32	4.00	4.00	4.00	4.00	4.00	
162									3.34	3.34	3.34	3.34	3.34	3.34	3.34	3.34	3.34	3.34	4.02	4.02	4.02	4.02	4.02		
168									3.37	3.37	3.37	3.37	3.37	3.37	3.37	3.37	3.37	3.37	4.04	4.04	4.04	4.04	4.04		
174									3.40	3.40	3.40	3.40	3.40	3.40	3.40	3.40	3.40	3.40	4.06	4.06	4.06	4.06	4.06		
180									3.42	3.42	3.42	3.42	3.42	3.42	3.42	3.42	3.42	3.42	4.09	4.09	4.09	4.09	4.09		

SheerWeave 2701 1%

SheerWeave Style 7650

	15.5	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120	126	132	138	144	150	156
24	2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.54	2.54	2.54						
30	2.18	2.18	2.18	2.18	2.18	2.18	2.18	2.18	2.18	2.18	2.18	2.18	2.18	2.18	2.18	2.18	2.56	2.56	2.56						
36	2.21	2.21	2.21	2.21	2.21	2.21	2.21	2.21	2.21	2.21	2.21	2.21	2.21	2.21	2.21	2.21	2.58	2.58	2.58						
42	2.23	2.23	2.23	2.23	2.23	2.23	2.23	2.23	2.23	2.23	2.23	2.23	2.23	2.23	2.23	2.23	2.60	2.60	2.60						
48	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.62	2.62	2.62						
54	2.28	2.28	2.28	2.28	2.28	2.28	2.28	2.28	2.28	2.28	2.28	2.28	2.28	2.28	2.28	2.28	2.64	2.64	2.64						
60	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.66	2.66	2.66						
66	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.68	2.68	2.68						
72	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.70	2.70	2.70						
78	2.37	2.37	2.37	2.37	2.37	2.37	2.37	2.37	2.37	2.37	2.37	2.37	2.37	2.37	2.37	2.37	2.72	2.72	2.72						
84	2.39	2.39	2.39	2.39	2.39	2.39	2.39	2.39	2.39	2.39	2.39	2.39	2.39	2.39	2.39	2.39	2.74	2.74	2.74						
90	2.41	2.41	2.41	2.41	2.41	2.41	2.41	2.41	2.41	2.41	2.41	2.41	2.41	2.41	2.41	2.41	2.76	2.76	2.76						
96	2.44	2.44	2.44	2.44	2.44	2.44	2.44	2.44	2.44	2.44	2.44	2.44	2.44	2.44	2.44	2.44	2.78	2.78	2.78						
102				2.46	2.46	2.46	2.46	2.46	2.46	2.46	2.46	2.46	2.46	2.46	2.46	2.46	2.80	2.80	2.80						
108				2.48	2.48	2.48	2.48	2.48	2.48	2.48	2.48	2.48	2.48	2.48	2.48	2.48	2.82	2.82	2.82						
114				2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.84	2.84	2.84						
120				2.86	2.86	2.86	2.86	2.86	2.86	2.86	2.86	2.86	2.86	2.86	2.86	2.86	2.86	2.86	2.86						
126				2.88	2.88	2.88	2.88	2.88	2.88	2.88	2.88	2.88	2.88	2.88	2.88	2.88	2.88	2.88	2.88						
132				2.90	2.90	2.90	2.90	2.90	2.90	2.90	2.90	2.90	2.90	2.90	2.90	2.90	2.90	2.90	2.90						
138									3.66	3.66	2.91	2.91	2.91	2.91	2.91	2.91	2.91	2.91	2.91						
144									3.67	3.67	2.93	2.93	2.93	2.93	2.93	2.93	2.93	2.93	2.93						
150									3.69	2.95	2.95	2.95	2.95	2.95	2.95	2.95	2.95	2.95	2.95						
156									3.70	2.97	2.97	2.97	2.97	2.97	2.97	2.97	2.97	2.97	2.97						
162									3.72	2.99	2.99	2.99	2.99	2.99	2.99	2.99	2.99	2.99	2.99						
168									3.73	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00						
174									3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.75						
180									3.76	3.76	3.76	3.76	3.76	3.76	3.76	3.76	3.76	3.76	3.76						

SheerWeave Style 7700R

	15.5	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120	126	132	138	144	150	156
24	2.29	2.29	2.29	2.29	2.29	2.29	2.29	2.29	2.29	2.29	2.29	2.29	2.29	2.29	2.29	2.66	2.66	2.66							
30	2.33	2.33	2.33	2.33	2.33	2.33	2.33	2.33	2.33	2.33	2.33	2.33	2.33	2.33	2.33	2.70	2.70	2.70							
36	2.37	2.37	2.37	2.37	2.37	2.37	2.37	2.37	2.37	2.37	2.37	2.37	2.37	2.37	2.37	2.73	2.73	2.73							
42	2.41	2.41	2.41	2.41	2.41	2.41	2.41	2.41	2.41	2.41	2.41	2.41	2.41	2.41	2.41	2.77	2.77	2.77							
48	2.45	2.45	2.45	2.45	2.45	2.45	2.45	2.45	2.45	2.45	2.45	2.45	2.45	2.45	2.45	2.80	2.80	2.80							
54	2.49	2.49	2.49	2.49	2.49	2.49	2.49	2.49	2.49	2.49	2.49	2.49	2.49	2.49	2.49	2.84	2.84	2.84							
60	2.53	2.53	2.53	2.53	2.53	2.53	2.53	2.53	2.53	2.53	2.53	2.53	2.53	2.53	2.53	2.87	2.87	2.87							
66	2.57	2.57	2.57	2.57	2.57	2.57	2.57	2.57	2.57	2.57	2.57	2.57	2.57	2.57	2.57	2.91	2.91	2.91							
72	2.61	2.61	2.61	2.61	2.61	2.61	2.61	2.61	2.61	2.61	2.61	2.61	2.61	2.61	2.61	2.94	2.94	2.94							
78	2.65	2.65	2.65	2.65	2.65	2.65	2.65	2.65	2.65	2.65	2.65	2.65	2.65	2.65	2.65	2.98	2.98	2.98							
84	2.68	2.68	2.68	2.68	2.68	2.68	2.68	2.68	2.68	2.68	2.68	2.68	2.68	2.68	2.68	3.01	3.01	3.01							
90	2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72	2.72	3.04	3.04	3.04							
96	2.76	2.76	2.76	2.76	2.76	2.76	2.76	2.76	2.76	2.76	2.76	2.76	2.76	2.76	2.76	3.07	3.07	3.07							
102				2.79	2.79	2.79	2.79	2.79	2.79	2.79	2.79	2.79	2.79	2.79	2.79	3.11	3.11	3.11							
108				2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	3.14	3.14	3.14							
114				2.86	2.86	2.86	2.86	2.86	2.86	2.86	2.86	2.86	2.86	2.86	2.86	3.17	3.17	3.17							
120				2.90	2.90	2.90	2.90	2.90	2.90	2.90	2.90	2.90	2.90	2.90	2.90	3.20	3.20	3.20							
126				2.93	2.93	2.93	2.93	2.93	2.93	2.93	2.93	2.93	2.93	2.93	2.93	3.23	3.23	3.23							
132				3.26	3.26	3.26	3.26	3.26	2.97	2.97	2.97	2.97	2.97	2.97	2.97	3.26	3.26	3.26							
138				3.29	3.29	3.29	3.29	3.29	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.29	3.29	3.29							
144				3.32	3.32	3.32	3.32	3.32	3.03	3.03	3.03	3.03	3.03	3.03	3.03	3.32	3.32	3.32							
150									3.06	3.06	3.06	3.06	3.06	3.06	3.06	3.35	3.35	3.35							
156									3.10	3.10	3.10	3.10	3.10	3.10	3.10	3.38	3.38	3.38							
162									3.13	3.13	3.13	3.13	3.13	3.13	3.13	3.41	3.41	3.41							
168									3.44	3.44	3.44	3.44	3.44	3.44	3.44	3.44	3.44	3.44							

Wisp

	15.5	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120	126	132	138	144	150	156
24	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.15											
30	2.17	2.17	2.17	2.17	2.17	2.17	2.17	2.17	2.17	2.17	2.17	2.17	2.17	2.17											
36	2.19	2.19	2.19	2.19	2.19	2.19	2.19	2.19	2.19	2.19	2.19	2.19	2.19	2.19											
42	2.21	2.21	2.21	2.21	2.21	2.21	2.21	2.21	2.21	2.21	2.21	2.21	2.21	2.21											
48	2.24	2.24	2.24	2.24	2.24	2.24	2.24	2.24	2.24	2.24	2.24	2.24	2.24	2.24											
54	2.26	2.26	2.26	2.26	2.26	2.26	2.26	2.26	2.26	2.26	2.26	2.26	2.26	2.26											
60	2.28	2.28	2.28	2.28	2.28	2.28	2.28	2.28	2.28	2.28	2.28	2.28	2.28	2.28											
66	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30	2.30											
72	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32	2.32											
78	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35											
84	2.37	2.37	2.37	2.37	2.37	2.37	2.37	2.37	2.37	2.37	2.37	2.37	2.37	2.37											
90	2.39	2.39	2.39	2.39	2.39	2.39	2.39	2.39	2.39	2.39	2.39	2.39	2.39	2.39											
96	2.41	2.41	2.41	2.41	2.41	2.41	2.41	2.41	2.41	2.41	2.41	2.41	2.41	2.41											
102			2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43											
108			2.45	2.45	2.45	2.45	2.45	2.45	2.45	2.45	2.45	2.45	2.45	2.45											
114			2.81	2.81	2.81	2.81	2.81	2.81	2.81	2.81	2.81	2.81	2.81	2.81											
120			2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83	2.83											
126				2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.85											
132				2.86	2.86	2.86	2.86	2.86	2.86	2.86	2.86	2.86	2.86	2.86											
138											3.63	3.63	3.63	3.63											
144											3.65	3.65	3.65	3.65											
150											3.66	3.66	3.66	3.66											
156											3.67	3.67	3.67	3.67											
162											3.69	3.69	3.69	3.69											
168											3.70	3.70	3.70	3.70											
174											3.71	3.71	3.71	3.71											
180											3.73	3.73	3.73	3.73											

QMotion Fabric Listings

Collection	Fabric Name	Fabric #	Standard Color for endcaps, hembars & fascia	Collection	Fabric Name	Fabric #	Standard Color for endcaps, hembars & fascia
Avila Twilight (FR)	White	80M0038	White	E-Screen 10%	Charcoal/Bronze	80M0009	Bronze
Avila Twilight (FR)	Canvas	80M0303	Sand	E-Screen 10%	Charcoal/Charcoal	80M0010	Black
Avila Twilight (FR)	Chalk	80M0302	Silver	E-Screen 10%	White/Linen	80M0008	White
Avila Twilight (FR)	Linen	80M0039	Sand	E-Screen 10%	White/White	80M0007	White
Avila Twilight (FR)	Khaki	80M0304	Sand	Etched BO	Coffee	80T0108	Coffee
Avila Twilight (FR)	Marine	80M0305	Silver	Etched BO	Beige	80T0109	Beige
Avila Twilight (FR)	Pewter	80M0306	Silver	Etched BO	Seal	80T0110	Seal
Avila Twilight (FR)	Charcoal	80M0307	Silver	Etched BO	White	80T0111	White
Avila Twilight (FR)	Black	80M0317	Black	Etched BO	Ivory	80T0112	Ivory
Avila Twilight (NFR)	White	80M0308	White	Flocké Blackout	Blanc	80M0043	White
Avila Twilight (NFR)	Canvas	80M0310	Sand	Flocké Blackout	Chartreux	80M0046	Silver
Avila Twilight (NFR)	Chalk	80M0309	Silver	Flocké Blackout	Loutre	80M0045	Silver
Avila Twilight (NFR)	Linen	80M0316	Sand	Flocké Blackout	Mississippi	80M0044	Sand
Avila Twilight (NFR)	Khaki	80M0311	Sand	Flocké Blackout	Sahel	80M0042	Sand
Avila Twilight (NFR)	Marine	80M0312	Silver	Grains	Silver	80T0081	Silver
Avila Twilight (NFR)	Pewter	80M0313	Silver	Grains	Beige	80T0082	Beige
Avila Twilight (NFR)	Charcoal	80M0314	Silver	Grains	Sand	80T0083	Sand
Avila Twilight (NFR)	Black	80M0315	Black	Greco	Onyx	80T0005	Silver
Blends BO	Café	80T0061	Café	Greco	Caramel	80T0006	Sand
Blends BO	Light Brown	80T0062	Light Brown	Greco	Umber	80T0007	Bronze
Blends BO	Bronze	80T0063	Bronze	Greco	Crème	80T0004	Sand
Branches	White	80T0027	White	Green Screen R 1%	Dusk	80M0289	Bronze
Burleigh	Light Brown	80T0049	Sand	Green Screen R 1%	Linen	80M0286	Sand
Burleigh	Mocha	80T0048	Bronze	Green Screen R 1%	Mushroom	80M0287	Bronze
Burleigh	Tweed	80T0050	Sand	Green Screen R 1%	Onyx	80M0292	Black
Burleigh	Bronze	80T0051	Bronze	Green Screen R 1%	Pewter	80M0291	Silver
Cirrus	White	80T0056	White	Green Screen R 1%	Sand	80M0285	Sand
Cirrus	Bronze	80T0057	Bronze	Green Screen R 1%	Stone	80M0290	Silver
Cirrus	Teal	80T0058	Teal	Green Screen R 1%	Suede	80M0288	Bronze
Drifts	Latte	80T0019	Sand	Green Screen R 1%	White	80M0284	White
Drifts	Slate	80T0021	Silver	Green Screen R 5%	Dusk	80M0298	Bronze
Drifts	Light Brown	80T0018	Sand	Green Screen R 5%	Linen	80M0295	Sand
Drifts	Dusk	80T0020	Bronze	Green Screen R 5%	Mushroom	80M0296	Bronze
E-Screen 1%	Charcoal/Cocoa	80M0055	Bronze	Green Screen R 5%	Onyx	80M0301	Black
E-Screen 1%	Charcoal/Charcoal	80M0056	Black	Green Screen R 5%	Pewter	80M0300	Silver
E-Screen 1%	White/Linen	80M0054	White	Green Screen R 5%	Sand	80M0294	Sand
E-Screen 1%	White/White	80M0053	White	Green Screen R 5%	Stone	80M0299	Silver
E-Screen 3%	Charcoal/Apricot	80M0279	Bronze	Green Screen R 5%	Suede	80M0297	Bronze
E-Screen 3%	Charcoal/Cocoa	80M0060	Bronze	Green Screen R 5%	White	80M0293	White
E-Screen 3%	Charcoal/Charcoal	80M0061	Black	Harvest	Cork	80T0015	Bronze
E-Screen 3%	White/Linen	80M0059	White	Harvest	Light Brown	80T0014	Bronze
E-Screen 3%	White/White	80M0058	White	Harvest	Ivory	80T0017	Sand
E-Screen 5%	Charcoal/Apricot	80M0282	Bronze	Harvest	Bronze	80T0016	Bronze
E-Screen 5%	Charcoal/Cocoa	80M0004	Bronze				
E-Screen 5%	Charcoal/Charcoal	80M0005	Black				
E-Screen 5%	White/Linen	80M0003	White				
E-Screen 5%	White/White	80M0002	White				

QMotion Fabric Listings

Collection	Fabric Color	Fabric #	Standard Color for endcaps, hembars & fascia	Collection	Fabric Color	Fabric #	Standard Color for endcaps, hembars & fascia
Infiniti 3%	PG2 Almond	80P0095	Sand	Milled BO	Snow	80T0085	Snow
Infiniti 3%	QG1 Barley	80P0098	Sand	Milled BO	Light Brown	80T0086	Light Brown
Infiniti 3%	PG1 Cotton	80P0096	White	Milled BO	Tan	80T0087	Tan
Infiniti 3%	VG1 Nickel	80P0099	Silver	Milled BO	Slate	80T0088	Slate
Infiniti 3%	VG4 Slate	80P0250	Silver	Milled BO	Crème	80T0089	Crème
Infiniti 3%	PG4 Stone	80P0249	Silver	Park	Beige	80T0054	Sand
Infiniti 5%	PG2 Almond	80P0101	Sand	Park	Grey	80T0053	White
Infiniti 5%	VG3 Bark	80P0106	Bronze	Park	Teal	80T0052	White
Infiniti 5%	QG1 Barley	80P0104	Sand	Rails	White	80T0035	White
Infiniti 5%	PG1 Cotton	80P0102	White	Rails	Crème	80T0036	Sand
Infiniti 5%	VG2 Midnight	80P0103	Black	Ridges	Beige	80T0102	Beige
Infiniti 5%	PG4 Stone	80P0251	Silver	Ridges	Smoke	80T0103	Smoke
KOOLBLACK® E-Screen 3%	Charcoal/Charcoal	80M0260	Black	Ridges	Bronze	80T0104	Bronze
KOOLBLACK® E-Screen 3%	Charcoal/Cocoa	80M0261	Bronze	Sepal	White	80T0013	White
KOOLBLACK® E-Screen 3%	Charcoal/Apricot	80M0263	Bronze	Sepal	Cloud	80T0010	Silver
KOOLBLACK® E-Screen 5%	Charcoal/Charcoal	80M0265	Black	Sepal	Platinum	80T0009	Silver
KOOLBLACK® E-Screen 5%	Charcoal/Cocoa	80M0266	Bronze	Sepal	Ivory	80T0011	Sand
KOOLBLACK® E-Screen 5%	Charcoal/Apricot	80M0268	Bronze	Sepal	Silver	80T0012	Silver
Lux	White	80T0003	White	Sepal	Umber	80T0008	Sand
Lux	Light Brown	80T0002	Sand	Shantung	White	80T0028	White
Lux	Bronze	80T0001	Bronze	Shiraz	Dusk	80T0064	Dusk
M-Screen 5%	Charcoal/Sable	80M0019	Bronze	Shiraz	Sea	80T0065	Sea
M-Screen 5%	Cocoa/Charcoal	80M0021	Bronze	Shiraz	Sand	80T0066	Sand
M-Screen 5%	White/White	80M0018	White	Sparks	Cloud	80T0105	Cloud
M-Screen 5%	White Stone	80M0020	White	Sparks	Dusk	80T0106	Dusk
M-Screen 5%- Deco	Harvest	80M0022	Bronze	Sparks	Dawn	80T0107	Dawn
Matrix	White	80T0090	White	SW 2390 5%	Biege Pearl Grey	80P0110	Silver
Matrix	Sand	80T0091	Sand	SW 2390 5%	Charcoal	80P0112	Black
Matrix	Coffee	80T0092	Coffee	SW 2390 5%	Charcoal Chestnut	80P0113	Bronze
Matrix	Light Grey	80T0093	Light Grey	SW 2390 5%	Charcoal Grey	80P0239	Silver
Matrix	Smoke	80T0094	Smoke	SW 2390 5%	Oyster	80P0107	White
Matrix	Black	80T0095	Black	SW 2390 5%	Oyster Beige	80P0108	Sand
Matrix BO	Black	80T0096	Black	SW 2390 5%	Oyster Pearl Grey	80P0238	Silver
Matrix BO	Coffee	80T0097	Coffee	SW 2410 3%	Beige	80P0116	Sand
Matrix BO	Light Grey	80T0098	Light Grey	SW 2410 3%	Charcoal Chestnut	80P0120	Bronze
Matrix BO	Smoke	80T0099	Smoke	SW 2410 3%	Charcoal Grey	80P0237	Silver
Matrix BO	Sand	80T0100	Sand	SW 2410 3%	Oyster	80P0114	White
Matrix BO	White	80T0101	White	SW 2410 3%	Oyster Beige	80P0115	Sand
Milled	Snow	80T0022	White	SW 2410 3%	Oyster/Pearl Grey	80P0236	Silver
Milled	Crème	80T0026	Sand				
Milled	Slate	80T0025	Silver				
Milled	Tan	80T0024	Sand				
Milled	Light Brown	80T0023	Bronze				

QMotion Fabric Listings

Collection	Fabric Name	Fabric #	Standard Color for endcaps, hembars & fascia	Collection	Fabric Name	Fabric #	Standard Color for endcaps, hembars & fascia
SW 2500 1%	Charcoal/Grey	80P0241	Silver	SW 7000 Blackout	Birch	80P0255	Sand
SW 2500 1%	Beige Pearl Gray	80P0124	Sand	SW 7000 Blackout	Canvas	80P0259	Sand
SW 2500 1%	Charcoal	80P0126	Black	SW 7000 Blackout	Canyon	80P0261	Silver
SW 2500 1%	Charcoal Chestnut	80P0127	Bronze	SW 7000 Blackout	Cocoa	80P0260	Bronze
SW 2500 1%	Oyster	80P0121	White	SW 7000 Blackout	Graphite	80P0262	Silver
SW 2500 1%	Oyster Beige	80P0122	Sand	SW 7000 Blackout	Mushroom	80P0258	Sand
SW 2500 1%	Oyster/Pearl Grey	80P0240	Silver	SW 7000 Blackout	Onyx	80P0263	Black
SW 2701 1%	Oyster/Beige	80P0246	Sand	SW 7000 Blackout	Sand	80P0256	Sand
SW 2701 1%	Oyster Charcoal	80P0066	Black	SW 7000 Blackout	Wheat	80P0257	Sand
SW 2701 1%	Oyster Chestnut	80P0065	Bronze	SW 7000 Blackout	White	80P0254	White
SW 2701 1%	Oyster Pewter	80P0064	Silver	SW 7200R	Swan	80P0560	White
SW 2703 3%	Oyster/Beige	80P0247	Sand	SW 7200R	Oyster	80P0561	Sand
SW 2703 3%	Oyster Charcoal	80P0070	Black	SW 7200R	Sail	80P0562	Sand
SW 2703 3%	Oyster Chestnut	80P0069	Bronze	SW 7200R	Chiffon	80P0563	Silver
SW 2703 3%	Oyster Pewter	80P0068	Silver	SW 7200R	Chrome	80P0564	Silver
SW 2705 5%	Oyster/Beige	80P0248	Sand	SW 7200R	Earl Grey	80P0565	Black
SW 2705 5%	Oyster Charcoal	80P0074	Black	SW 7200R	Blazer	80P0566	Black
SW 2705 5%	Oyster Chestnut	80P0073	Bronze	SW 7200R	Raven	80P0567	Black
SW 2705 5%	Oyster Pewter	80P0072	Silver	SW 7250R	Swan	80P0568	White
SW 4000 5%	Alabaster	80P0076	White	SW 7250R	Oyster	80P0569	Sand
SW 4000 5%	Ash	80P0252	Black	SW 7250R	Sail	80P0570	Sand
SW 4000 5%	Chalk	80P0075	White	SW 7250R	Chiffon	80P0571	Silver
SW 4000 5%	Ebony	80P0081	Black	SW 7250R	Chrome	80P0572	Silver
SW 4000 5%	Greystone	80P0078	Silver	SW 7250R	Earl Grey	80P0573	Black
SW 4000 5%	Pebblestone	80P0077	Sand	SW 7250R	Blazer	80P0574	Black
SW 4000 5%	Pewter	80P0079	Silver	SW 7250R	Raven	80P0575	Black
SW 4000 5%	Tobacco	80P0080	Bronze	SW 7400	Cotton	80P0576	White
SW 4400 3%	Alabaster	80P0083	White	SW 7400	Parchment	80P0577	Sand
SW 4400 3%	Ash	80P0253	Black	SW 7400	Sesame	80P0578	Sand
SW 4400 3%	Chalk	80P0082	White	SW 7400	Pebble	80P0579	White
SW 4400 3%	Ebony	80P0088	Black	SW 7400	Seagrass	80P0580	Silver
SW 4400 3%	Greystone	80P0085	Silver	SW 7400	Shale	80P0581	Silver
SW 4400 3%	Pebblestone	80P0084	Sand	SW 7400	Spice	80P0582	Black
SW 4400 3%	Pewter	80P0086	Silver	SW 7400	Flint	80P0583	Black
SW 4400 3%	Tobacco	80P0087	Bronze	SW 7450	Cotton	80P0584	White
SW 4800 1%	Alabaster	80P0090	White	SW 7450	Parchment	80P0585	Sand
SW 4800 1%	Chalk	80P0089	White	SW 7450	Sesame	80P0586	Sand
SW 4800 1%	Clay	80P0244	Silver	SW 7450	Pebble	80P0587	White
SW 4800 1%	Grey	80P0243	Silver	SW 7450	Seagrass	80P0588	Silver
SW 4800 1%	Pearl	80P0245	White	SW 7450	Shale	80P0589	Silver
SW 4800 1%	Sand	80P0091	White	SW 7450	Spice	80P0590	Black
SW 4800 1%	Taupe	80P0242	Sand	SW 7450	Flint	80P0591	Black
SW 4800 1%	Flint	80P0265	Black				
SW 4800 1%	Mink	80P0264	Bronze				
SW 4800 1%	Mocha	80P0266	Bronze				

QMotion Fabric Listings

Collection	Fabric Name	Fabric #	Standard Color for endcaps, hembars & fascia	Collection	Fabric Name	Fabric #	Standard Color for endcaps, hembars & fascia
SW 7500R	Ice	80P0592	White	Tenley BO	Mint	80T0128	Mint
SW 7500R	Cloud	80P0593	Sand	Tenley BO	Denim	80T0129	Denim
SW 7500R	Porcelain	80P0594	Sand	Tenley BO	Bark	80T0130	Bark
SW 7500R	Limestone	80P0595	Sand	Tenley BO	Slate	80T0131	Slate
SW 7500R	Mist	80P0596	Silver	Tenley BO	Linen	80T0132	Linen
SW 7500R	Nimbus	80P0597	Silver	Tenley BO	Black	80T0133	Black
SW 7500R	Tundra	80P0598	Silver	Tenley BO	Beige	80T0134	Beige
SW 7500R	Dune	80P0599	Silver	Tenley BO	Gray	80T0135	Gray
SW 7500R	Stone	80P0600	Black	Texture	White	80T0067	White
SW 7500R	Odyssey	80P0601	Silver	Texture	Sand	80T0068	Sand
SW 7500R	Orient	80P0602	Black	Texture	Ivory	80T0069	Ivory
SW 7500R	Midnight	80P0603	Black	Texture	Silver	80T0070	Silver
SW 7600	Bright White	80P0604	White	Texture	Bronze	80T0071	Bronze
SW 7600	Shell	80P0605	Sand	Texture	Beige	80T0072	Beige
SW 7600	Khaki	80P0606	Sand	Texture	Light Brown	80T0073	Light Brown
SW 7600	Dove Grey	80P0607	Silver	Texture	Husk	80T0074	Husk
SW 7600	Taupe	80P0608	Silver	Texture BO	Bronze	80T0075	Bronze
SW 7600	Thunder	80P0609	Black	Texture BO	White	80T0076	White
SW 7600	Coffee	80P0610	Black	Texture BO	Sand	80T0077	Sand
SW 7600	Ivory	80P0611	Sand	Texture BO	Beige	80T0078	Beige
SW 7600	Coal	80P0612	Black	Texture BO	Silver	80T0079	Silver
SW 7650	Bright White	80P0613	White	Texture BO	Light Brown	80T0080	Light Brown
SW 7650	Shell	80P0614	Sand	Trevira	White	80T0047	White
SW 7650	Khaki	80P0615	Sand	Trevira	Pearl	80T0046	Silver
SW 7650	Dove Grey	80P0616	Silver	Trevira	Coal	80T0043	Black
SW 7650	Taupe	80P0617	Silver	Trevira	Off White	80T0045	Sand
SW 7650	Thunder	80P0618	Black	Trevira	Pecan	80T0044	Bronze
SW 7650	Coffee	80P0619	Black	Trevira	Mocha	80T0042	Bronze
SW 7650	Ivory	80P0620	Sand	Trevira	White	80T0047	White
SW 7650	Coal	80P0621	Black	Trevira	Pearl	80T0046	Silver
Tapestry	Smoke	80T0059	Smoke	Trevira	Coal	80T0043	Black
Tapestry	Cream	80T0060	Cream	Trevira	Off White	80T0045	Sand
Tenley	Alabaster	80T0113	Alabaster	Trevira	Pecan	80T0044	Bronze
Tenley	Black	80T0114	Black	Trevira	Mocha	80T0042	Bronze
Tenley	Cream	80T0116	Cream	Vesper	White	80I0165	White
Tenley	Fawn	80T0117	Fawn	Vesper	Ivory	80I0166	White
Tenley	Ink	80T0118	Ink	Vesper	Dove Grey	80I0167	Silver
Tenley	Light Gray	80T0119	Light Gray	Vesper	Dark Grey	80I0163	Silver
Tenley	Mint	80T0120	Mint	Vesper	Black Duplex	80I0164	Black
Tenley	Sand	80T0121	Sand	Vizela	Blanc	80M0027	White
Tenley	Slate	80T0122	Slate	Vizela	Chartreux	80M0028	Silver
Tenley	Vanilla	80T0123	Vanilla	Vizela	Loutre	80M0029	Silver
Tenley BO	Alabaster	80T0124	Alabaster	Vizela	Mississippi	80M0030	Sand
Tenley BO	Vanilla	80T0125	Vanilla	Vizela	Sahel	80M0031	Sand
Tenley BO	Cream	80T0126	Cream	Wisp	White	80T0084	White
Tenley BO	Camel	80T0127	Camel				

QMotion Fabric Listings

Decorative Fabric Patterns

Due to the design details for the patterns on some of the decorative fabrics, such as florals, we cannot guarantee exact alignment from shade to shade for the patterns. Please ensure your clients understand the design aesthetics for patterned fabrics.



Qlink 12' Shades*

These fabrics can be made to 12' height			
Avila Twilight Blackout	Flocké Blackout	Rails	SW 7450
Avila Twilight Blackout (FR)	Grains	Ridges	SW 7500R
Blends BO	Greco	Sepal	SW 7600
Branches	GreenScreen Revive 1%	Shantung	SW 7650
Burleigh	GreenScreen Revive 5%	SheerWeave 2390 5%	Tapestry
Cirrus	Harvest	SheerWeave 2410 3%	Tenley
Drifts	Lux	SheerWeave 2500 1%	Tenley BO
E-Screen 1%	M Screen 5%	SheerWeave 2705 5%	Texture
E-Screen 10%	M Screen Deco 5%	Shiraz	Texture BO
E-Screen 3%	Matrix	Sparks	Trevira
E-Screen 3% KOOLBLACK	Milled	SW 7200R	Vesper
E-Screen 5%	Milled BO	SW 7250R	Vizela
E-Screen 5% KOOLBLACK	Park	SW 7400	Wisp

* Qlink shades are now available for heights up to 144" for these select fabrics. All other fabrics are limited to 120" high on Qlink coupled shades.

QMotion Fabric Wrapped Fascias have a maximum width of 120" depending on fabric selection. Please refer to the table for maximum widths based on fabric selection roll widths.

Fabrics Able to be Fabric Wrapped	
Blends BO	110"
Branches	82.7"
Burleigh	110.2"
Cirrus	102"
Drifts	94.5"
E-Screen (All except KB)	120"
Grains	118"
Greco	78.7" 94.5"
Harvest	94.5"
Lux	94.5"
M-Screen 5%	120"
M-Screen Deco	98"
Matrix	110"
Matrix BO	110"
Park	78.7"
Rails	78.7"
Ridges	96"
Sepal	94"
Shantung	110"
Sheer Weave (2390, 2410, 2500, 2701, 2703, 2705)	120"
Shiraz	78.7"
Sparks	94"
Tapestry	78.7"
Tenley	98"
Tenley BO	98 94"
Texture BO	118"
Trevira	118.1"
Vizela	94"
Wisp	94"

Fabrics Unable to be Fabric Wrapped	
Avila	
*E-Screen KOOLBLACK®	
Etched BO	
*Flocké	
Green Screen Revive	
Infinity	
Matrix	
Milled	
Milled BO	
**Sheer Weave (4000, 4400, 4800)	
Sheer Weave (7000, 7200, 7250, 7400, 7450, 7500, 7600, 7650)	
Texture	
Vesper	

NOTES

120" is the max width to be fabric wrapped on a fascia depending on fabric selection. At this time dual fascia will not be fabric wrapped. Please refer to the table for maximum widths based on fabric selection roll widths.

- * All room darkening blackout fabrics cannot be wrapped on a fascia, however, their non-blackout equivalent may be wrapped.
 - Flocké blackout's non-blackout equivalent is Vizela.
 - KOOLBLACK® equivalent is regular solar E-Screen.
- ** We've done these in the past but after additional testing we are not confident in their performance as fabric wrap.
 - M-Screen Deco 5% in the color Harvest only comes in a max width of 98".

Railroadable Fabrics	Max Shade Width Before Railroading (Bracket to Bracket)
Avila Twilight Blackout	118" see below
E Screen 1%	122"
E Screen 3%	122"
E Screen 3% KB and 5%	122"
E Screen 5%	122"
E Screen 10%	122"
Flocké Blackout	94"
Greco	78.7"
Park	78.7"
SW 2390 5%	126"
SW 2410 3%	126"
SW 2500 1%	126"
SW 2701 1%	126"
SW 2703 3%	126"
SW 2705 5%	126"
SW 7000	118" see below
Sepal	94"
Trevira	118.1"
Vesper	72"
Vizela	94"

Fabrics that are able to fabric wrap and railroad are subject to change from time to time due to updates and changes made by fabric suppliers.

Important Notes:

1. Railroadable fabrics can be made 144"W x 180"H, but require a seam (Qadvanced rollers only). Fabrics not able to be railroaded can be made at 180" high. Avila cannot be seamed – max height is 90" when railroaded.
2. When you order a shade that requires a seam and you want the seam at a specific location, you must specify the Height from the hembar to the seam location on the order.
3. M-Screen Deco 5% in the color Harvest only comes in a max width of 98".
4. The Avila and SheerWeave 7000 materials are known to possibly “cup” on the ends when railroaded. QMotion will NOT warrant these railroaded materials for “cupping”.

Railroading Not Available in these Fabrics	Max Shade Width (Bracket to Bracket)
Blends BO	110"
Branches	82.7"
Burleigh	110.2"
Cirrus	102"
Drifts	94.5"
Etched BO	110"
Harvest	94.5"
Grains	118"
Green Screen Revive	118"
Infinity	98"
Lux	94.5"
M Screen 5%	122"
M Scree Deco 5% - Harvest	98"
Matrix	110"
Matrix BO	110"
Milled	94.5"
Milled BO	94"
Rails	78.7"
Ridges	96"
SW 4000 5%	126"
SW 4400 3%	126"
SW 4800 1%	126"
SW 7200R	118"
SW 7250R	118"
SW 7400	118"
SW 7450	118"
SW 7500R	118"
SW 7600	118"
SW 7650	118"
Shantung	110"
Shiraz	78.7"
Sparks	94"
Tapestry	78.7"
Tenley	98"
Tenley BO	98"
Texture	118"
Texture BO	118"
Wisp	94"

In cases where customers desire a material from one of our suppliers of roller shade fabric, QMotion offers a Special Ordered Material program where QMotion will manufacture the shade using this material. This may be colors of our standard styles which are not stocked, or styles from these major suppliers we do not currently stock.

In our efforts to craft a high quality product, one which both we, and you our dealer, would be pleased to call ours, we have a few small requirements before we can commit to producing shades from fabric that is not part of our standard, prequalified program. Due to the uniqueness of our patented lifting system, material thickness and weight is required to ensure proper performance of the finished shade. Additionally, to fabricate in an acceptable lead time with repeatable quality, we need to determine how the material interacts with our equipment; that is: how the fabric cuts and welds with our system.

All policies and procedures are done in the best interest of our dealers and their customers as to meet product expectations when installed.

As previously noted, Special Order Material (SOM) is a material that is offered by one of our certified fabric vendors, but is not listed in our standard fabric offering. If the selected SOM fabric has not already been approved (Customer Service to advise if it has previously been approved or not), QMotion may require a sample to test for compatibility and to ensure it meets our strict quality standards by our engineers. Lead time for testing of unapproved SOM fabrics and orders with SOM fabric will always vary based on availability, which is determined at the time of order. Please consult with your QMotion Customer Service Representative for information about specific fabrics, including pricing and lead times.

Please consult with your QMotion Customer Service Representative for information about specific fabrics, including pricing and lead times.

Note that in the case of SOM, there are extended lead times due to inbound freight and production scheduling.

Additionally, our Customer's Own Material (C.O.M.) program has been temporarily suspended until further notice. Please stay tuned for future updates and information.



KOOLBLACK®

TECHNOLOGY

Innovative, Patented Technology.

What is KOOLBLACK® Technology?

For the first time ever, KOOLBLACK® Technology incorporates reflective properties into dark color screen fabrics. This feature, coupled with the other benefits of dark colored fabrics, provides excellent contrast for a clear & sharp view through, color coordinated exterior building design, comfortable work environments, and maximized energy savings through reduced cooling costs.

Total Screen Benefits

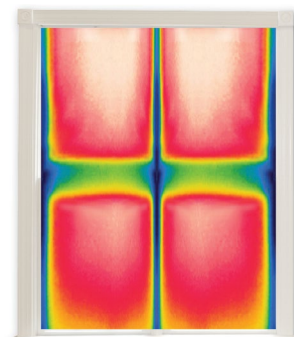
Only E Screen with KOOLBLACK® Technology can achieve all screen benefits:

- reduced temperature = lower cooling costs & comfortable work environments
- superior view through and glare control
- coordinated exterior building design and aesthetics - especially for commercial applications

50% of a buildings total energy consumption is used for heating and cooling which reduces heat and saves energy.

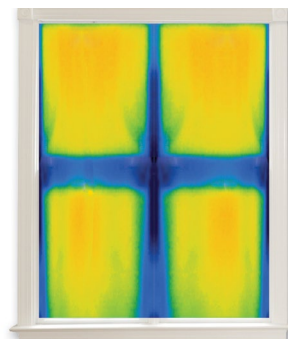
KOOLBLACK® Technology at Work

Reduced cooling costs & improved comfort with the glare control and view-through benefits of dark fabrics.



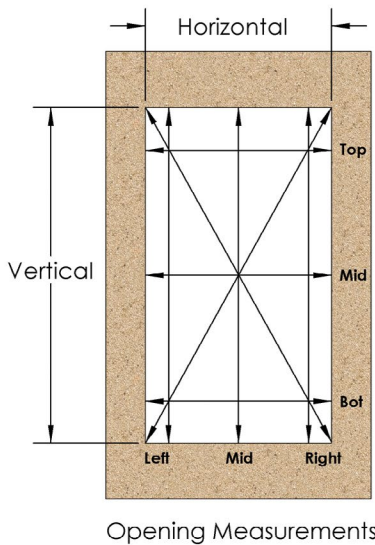
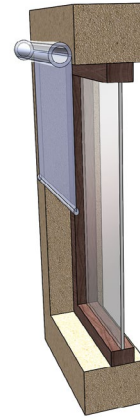
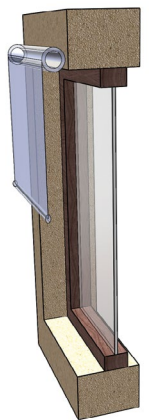
Standard Dark Screen Fabrics

- high contrast for clear & sharp view through
- coordinated exterior building design
- exceptional glare control



E Screen with KOOLBLACK® Technology

- same great features as standard dark screen fabrics
- up to 23% improvement in Solar Heat Gain Coefficient which is the measure of heat reflectivity, (SHGC) / G Value versus standard dark screen fabrics
- reflects NIR (near infrared) solar energy

**Inside Mount**Standard
Roll DirectionReverse
Roll Direction**Outside Mount**Standard
Roll DirectionReverse
Roll Direction**Measure and assess area to be covered:**

- Measure opening to be covered vertically and horizontally in three places.
- If vertical measurements vary more than 0.5" we recommend an outside mount.
- If horizontal measurements vary more than 0.5" we recommend an outside mount.
- Measure and compare diagonals to determine if opening is square.
- If corner to corner diagonal measurements vary more than 0.5" we recommend an outside mount.
- Use a level to determine if opening is plumb and square.
- If out of square or out of plumb by more than 0.5" we recommend an outside mount.

Measurement rules:

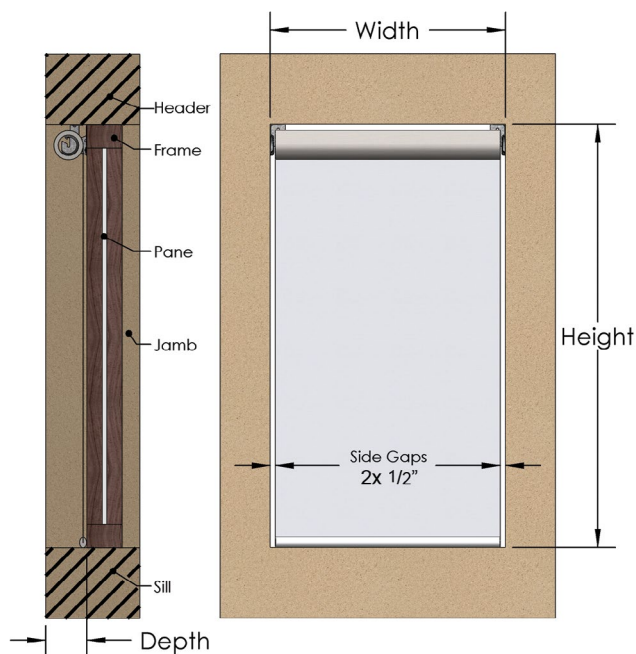
- Make all measurements to the nearest 0.0625". On inside mount applications, round down.
- Measure all windows, even if they appear to be the same size.

Considerations:

- There must be significant support structure to hold the shade, i.e. wood, concrete, anchored drywall, etc.
- For drywall you may use heavy duty auger style drywall anchors rated sufficient for the weight of the shade.
- Standard roll or reverse roll are available. Reverse roll may be needed to free shade path from obstructions, i.e., handles, locks, alarm sensors, molding, trim, etc.

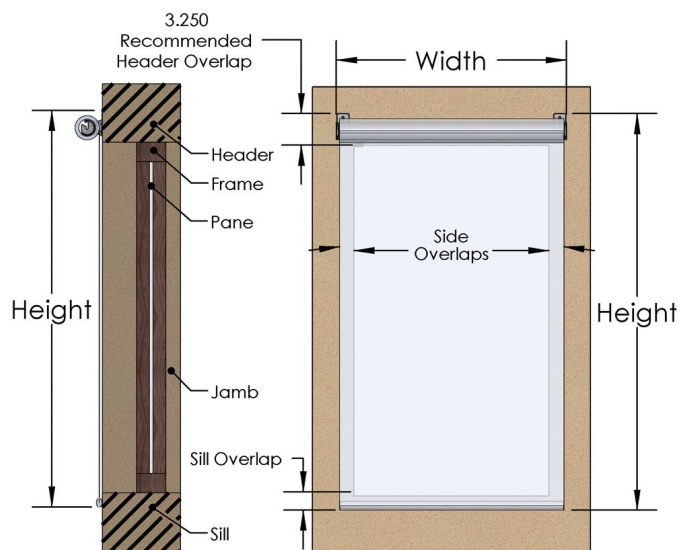
Required order form measurements for INSIDE MOUNT:

- Use the smallest horizontal measurement for WIDTH. This is outside of bracket to outside of bracket.
- Use the largest vertical measurement for HEIGHT.
- Measure and record DEPTH. Use the minimum distance from the outside of opening to the window including window mullions if they exist. This is important in determining if the shade and fascia will protrude into the room and out of the opening.



Required order form measurements for OUTSIDE MOUNT:

- Determine FABRIC WIDTH based on largest horizontal measurement PLUS total desired side overlap.
- Minimum 1.5" side overlap is recommended.
- Establish WIDTH dimension by adding 1" to the FABRIC WIDTH. This is outside of bracket to outside of bracket. (Note: Brackets extend beyond FABRIC WIDTH by 0.5" on each side.)
- Determine HEIGHT by adding 3.25" to largest vertical measurement and desired Sill overlap. Note: Minimum 1" Sill overlap is recommended.



REMINDER: ENTERING QUOTES & ORDERS VIA ONLINE SERVICE CENTER (OSC) INCLUDES A 5% DISCOUNT AND OTHER GREAT BENEFITS



QAdvanced Roller Quote Request Form
 REMINDER: ENTERING QUOTES & ORDERS VIA ONLINE SERVICE CENTER (OSC) INCLUDES A 5% DISCOUNT, AMONGST OTHER GREAT BENEFITS

Return to: [Fax] (850) 208-3409 [email] qmotionsales@ qmotionshades.com

1) Dealer Name/ Number: _____
 2) Sidemark/ PO#: _____
 3) Contact Email for Confirmation: _____
 4) New Job or Add On to Existing Job? **New / Add** (please select one)
 5) Should brackets/ fascia sizes match? **Same Room / Entire Project / No Matching Required** (please select one)
 6) Please list 3rd party control system (if applicable): _____

Shipping Information
 Name: _____ Phone: _____
 Address: _____ City _____ State _____ Zip _____

Date: _____

Line Item	Quantity	Comm Protocol* (See Notes Below)	Shade Type Single (S) Dual (D) Qfree (Qf) Qbasic (Qb) Qbasic+ (Qb+)	Power Type Battery (B) Low Voltage (L) Hardwired (H) Manual (M)	Fabric Name/ Number	Width** (Bracket to Bracket) inches	Height inches	Mount Inside (I) Outside (O)	Roll Direction Standard (S) Reverse (R)	Hembar Finish Painted (P) Fabric (F)	Pocket Install Yes (Y) No (N)	Only Answer if Applicable				Location	
												Fascia Finish*** (See Below)	Universal Bracket Mount Orientation (Top, Back, Side/Top, Side/Back)	Chain or Wire Side**** Left (L) Right (R)	Side Channels (SC) Sill Angle (SA) Both (B)		
1		ZB / G3 / QIS						I / O	S / R	P / F	Y / N				L / R	SC / SA / B	
2		ZB / G3 / QIS						I / O	S / R	P / F	Y / N				L / R	SC / SA / B	
3		ZB / G3 / QIS						I / O	S / R	P / F	Y / N				L / R	SC / SA / B	
4		ZB / G3 / QIS						I / O	S / R	P / F	Y / N				L / R	SC / SA / B	
5		ZB / G3 / QIS						I / O	S / R	P / F	Y / N				L / R	SC / SA / B	
6		ZB / G3 / QIS						I / O	S / R	P / F	Y / N				L / R	SC / SA / B	
7		ZB / G3 / QIS						I / O	S / R	P / F	Y / N				L / R	SC / SA / B	
8		ZB / G3 / QIS						I / O	S / R	P / F	Y / N				L / R	SC / SA / B	
9		ZB / G3 / QIS						I / O	S / R	P / F	Y / N				L / R	SC / SA / B	
10		ZB / G3 / QIS						I / O	S / R	P / F	Y / N				L / R	SC / SA / B	

QIS and ZigBee HA1.2 Accessories
 # Multichannel Qd Remote
 # Wallplate
 # Locking Wallplate
 # QzHub3
 # Corded Range Extender (coordinator)
 # RZ2 Range Extender
 # Bundle B (1 QzHub + 4 RZ2 Range Extenders)
 # Bundle C (4 RZ2 Range Extenders)
 # Single Shade Hardwired Switch
 # Double Shade Hardwired Switch
 # Power & Comm. Panel (8 ports)
QIS Lead Length
 6" _____ 35"
QIS Wire Adapter
 (recommend ordering in pairs)

Control / Wallplate Color
 (W) White (default)
 (B) Black
 (G) Gray
 (I) Ivory
 (L) Light Almond
Locking Wallplate Color
 (W) White (default)
 (B) Black
 (G) Gray
 (I) Ivory
 (L) Light Almond

Gen 3 Accessories
 # Single Channel Qd Remote
 # Multichannel Qd Remote
 # Wallplate
 # Locking Wallplate
 # Qsync
 # Single Shade Power Supply
 # Four Shade Power Distribution Box
 # Sixteen Shade Power Panel
 # Relay

Important Notes & Information
 * Communication Protocols:
 (ZB) Meets ZigBee HA1.2 Specification, 2-way communication
 (G3) Gen 3- proprietary protocol, 1-way communication
 ** Width – For all IM (inside mount) applications, QMotion will take a factory deduction of 1/8" from the bracket to bracket dimension
 *** Fascia Finish – (W) White, (BL) Black, (SI) Silver, (SA) Sand, (BR) Bronze, (FW) Fabric Wrap, (PC2) 2" White Pocket Closure, (PC3) 3" White Pocket Closure.
 – 120" is the max width a fascia can be fabric wrapped. Some fabrics cannot be wrapped on the fascia. Please reference the product guide for a list of these fabrics.
 – For IM (inside mount) fascia applications, QMotion will take a 1/16" factory deduction off the bracket to bracket dimension.
 – For SPECIFIC CUT WIDTH, please specify the specific width for the fascia in the NOTES column (Tolerance is +/- 1/16").
 **** Only nickel plated steel (default) or upgradable stainless steel chain available. Please specify chain finish in notes.
PLEASE REFER TO THE PRODUCT GUIDES FOR DETAILS ON ALL OPTIONS, INCLUDING DESCRIPTIONS FOR COMMUNICATION OPTION DETAILS.
Notes:

Please do not place multiple jobs on the same form.

REMINDER: ENTERING QUOTES & ORDERS VIA ONLINE SERVICE CENTER (OSC) INCLUDES A 5% DISCOUNT AND OTHER GREAT BENEFITS

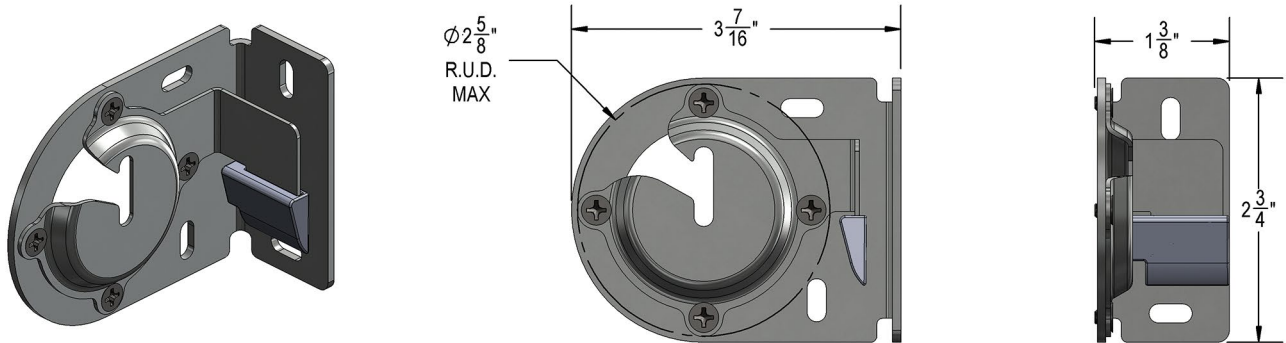
Return to: [Fax] (850) 208-3409 [email] qmotionsales@qmotionshades.com															Qlink Quote Request Form														
Shipping Information															Date: _____														
1) Dealer Name/ Number: _____															Name _____					Phone: _____									
2) Sidemark/ PO#: _____															Address _____														
3) Contact Email for Confirmation: _____															City _____					State _____					Zip _____				
4) New Job or Add On to Existing Job? New Add (please select one)															Special Shipping Requests: _____														
5) Please list 3rd party control system (if applicable): _____																													
															Only Answer if Applicable														
Line Item	Comm Protocol* (See Notes Below)	Power Type Battery (B) Low Voltage (L) Hardwired (H) Manual (M)	Fabric Name/ Number	Overall Width** (Bracket to Bracket) inches	Height inches	Left Panel Width inches	Inner Width inches	Inner Width inches	Inner Width inches	Inner Width inches	Inner Width inches	Right Panel Width inches	Mount Inside (I) Outside (O)	Roll Direction Standard (S) Reverse (R)	Mount Orientation Top (T) Back (B)	Hembar Finish Painted (P) Fabric (F)	Pocket Install Yes (Y) No (N)	Fascia Finish*** (See Below)	Side Channels (SC) Sill Angle (SA) Both (B)	Location									
1	ZB / G3												I / O	S / R	T / B	P / F	Y / N		SC / SA / B										
2	ZB / G3												I / O	S / R	T / B	P / F	Y / N		SC / SA / B										
3	ZB / G3												I / O	S / R	T / B	P / F	Y / N		SC / SA / B										
4	ZB / G3												I / O	S / R	T / B	P / F	Y / N		SC / SA / B										
5	ZB / G3												I / O	S / R	T / B	P / F	Y / N		SC / SA / B										
6	ZB / G3												I / O	S / R	T / B	P / F	Y / N		SC / SA / B										
7	ZB / G3												I / O	S / R	T / B	P / F	Y / N		SC / SA / B										
8	ZB / G3												I / O	S / R	T / B	P / F	Y / N		SC / SA / B										
9	ZB / G3												I / O	S / R	T / B	P / F	Y / N		SC / SA / B										
10	ZB / G3												I / O	S / R	T / B	P / F	Y / N		SC / SA / B										

QIS and ZigBee HA1.2 Accessories	Control/ Wallplate Color	Gen 3 Accessories	Important Notes and Information
# Multichannel Qd Remote # Wallplate # QzHub # Corded Range Extender (coordinator) # RZ2 Range Extender # Bundle B (1 QzHub + 3 RZ2 Range Extenders) # Single Shade Hardwired Switch # Double Shade Hardwired Switch # Power & Comm. Panel (8 ports) QIS Lead Length 6" 35" QIS Wire Adapter (recommend ordering in pairs)	(W) White (default) (B) Black (G) Gray (I) Ivory (L) Light Almond	# Single Channel Qd Remote # Multichannel Qd Remote # Wallplate # Qsync # Single Shade Power Supply # Four Shade Power Distribution Box # Sixteen Shade Power Panel # Qrelay	PLEASE REFER TO THE PRODUCT GUIDES FOR DETAILS ON ALL OPTIONS, INCLUDING DESCRIPTIONS FOR COMMUNICATION OPTION DETAILS. * Communication Protocols: (ZB) Meets ZigBee HA1.2 Specification, 2-way communication (G3) Gen 3- proprietary protocol, 1-way communication ** Width- For inside mount width, use narrowest width measurement. IM Qlink will have 1/8" factory deduction per group. For outside mount width, use outside bracket to bracket width. *** Fascia Finish - (W) White, (BL) Black, (SI) Silver, (SA) Sand, (BR) Bronze, (FW) Fabric Wrap, (PC2) 2" White Pocket Closure, (PC3) 3" White Pocket Closure. -120" is the max width a fascia can be fabric wrapped. Some fabrics cannot be wrapped on the fascia. Please reference the product guide for a list of these fabrics. -For IM(inside mount) fascia applications, QMotion will take a 1/16" factory deduction off the bracket to bracket dimension. -For SPECIFIC CUT WIDTH, please specify the specific width for the fascia in the NOTES column (Tolerance is +/- 1/16").
Limitations: -For Standard Roll Applications the motor and wire side is on the LEFT, for Reverse Roll Applications the motor and wire side is on the RIGHT (No exceptions) -Maximum opening width: 288" (24'), Maximum opening height: 120" (pending fabric specifications) Maximim section width cannot exceed 120" (10') -Minimum Motor width: 33.25" Battery / 15.5" Low Voltage; Minimum Inner Width: 24"; Minimum Sprung Width: 24" (pending fabric height). -Recommend height to width ratio should not exceed 4:1. Qlink shades are now available for heights up to 144" for select fabrics. Please refer to fabric chart for list of available fabrics supported over 120" high.			Notes: Pocket Notes: WARNING - Qlink Pocket applications: No more than 2 panels recommended per application. Will require 1.25" clearance from the motor end bracket to the pocket end wall. Please plan accordingly. Minimum pocket depth is 5" to accommodate coupler unit and end brackets. Minimum pocket height is 4 1/2" to prevent coupler bracket from being exposed. Jamb depth needed to prevent shade roll from protruding is 3 3/4".

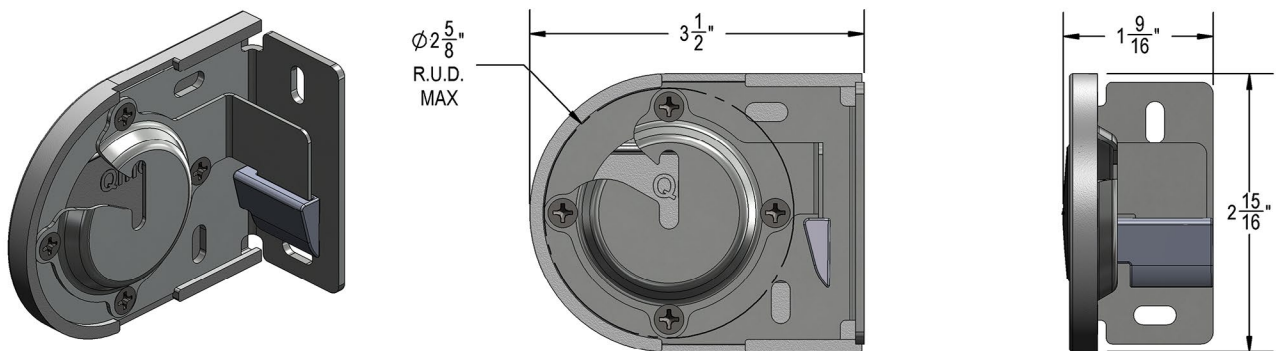
Please do not place multiple jobs on the same form.

Automated, Qfree, Qbasic+ (4.3 and Dual not Available for Qbasic+)

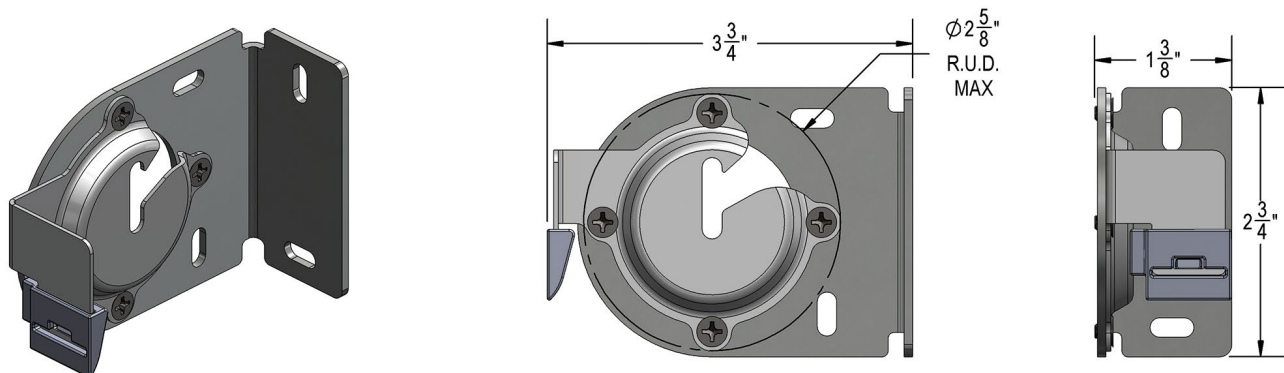
2.6 Universal Bracket Back Mount, No Cover



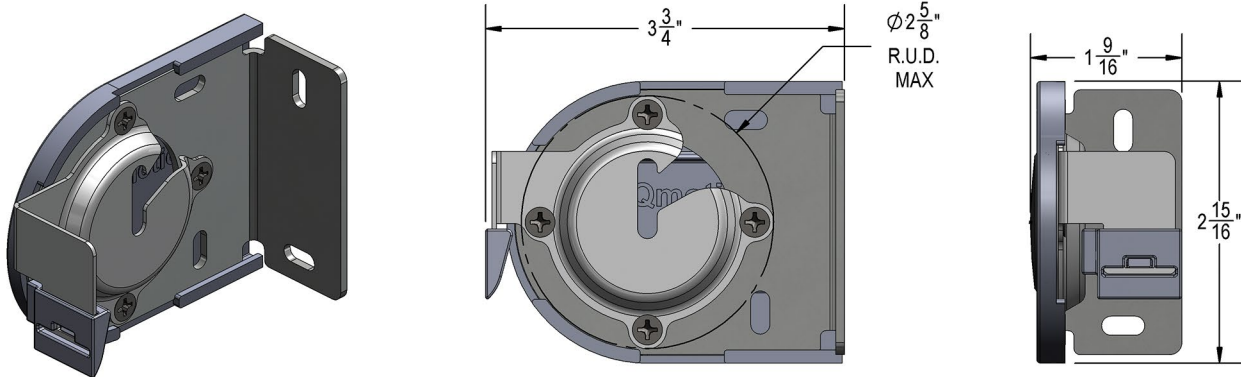
2.6 Universal Bracket Back Mount, Cover



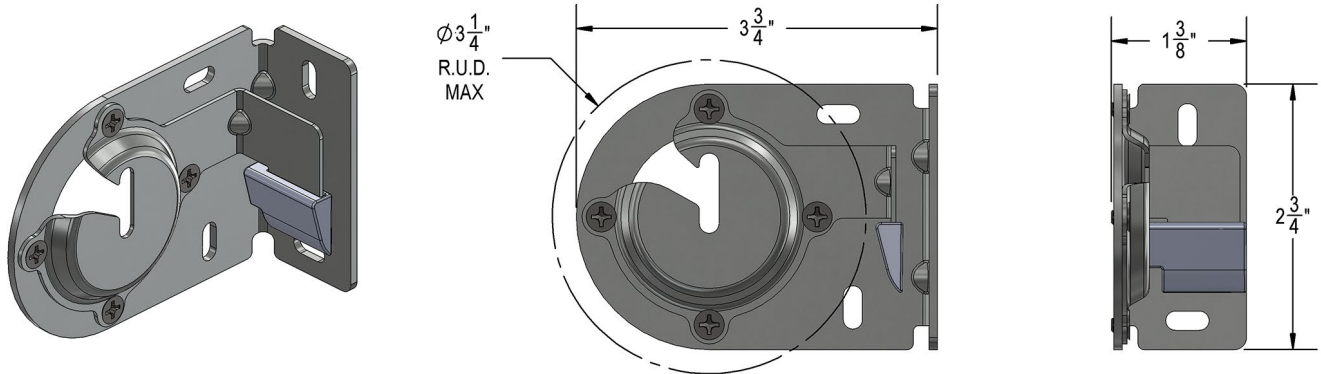
2.6 Universal Bracket Back Mount, No Cover, Reverse



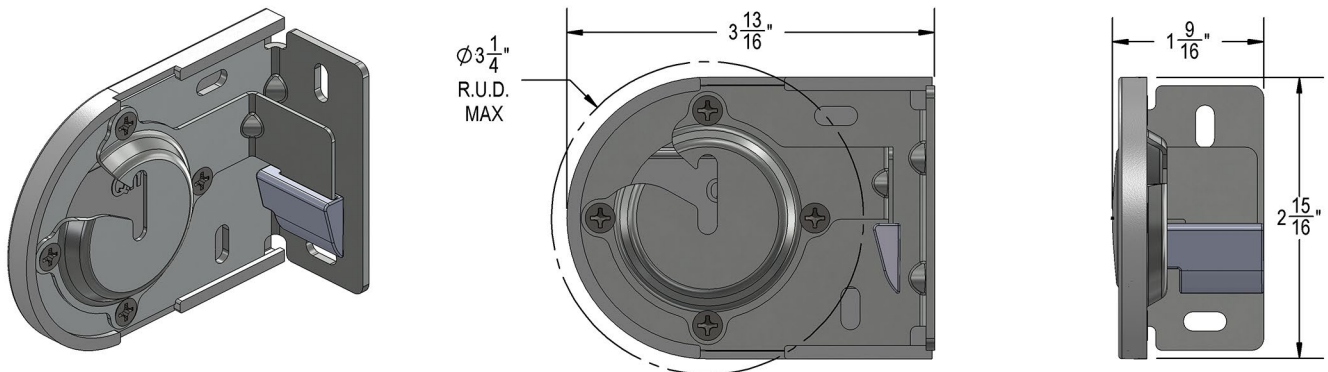
2.6 Universal Bracket Back Mount, With Cover, Reverse



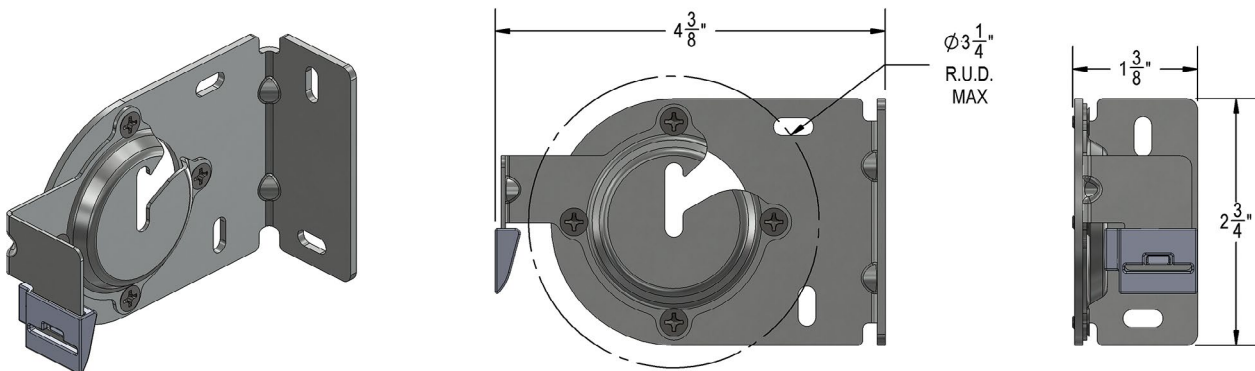
3.3 Universal Bracket Back Mount, No Cover



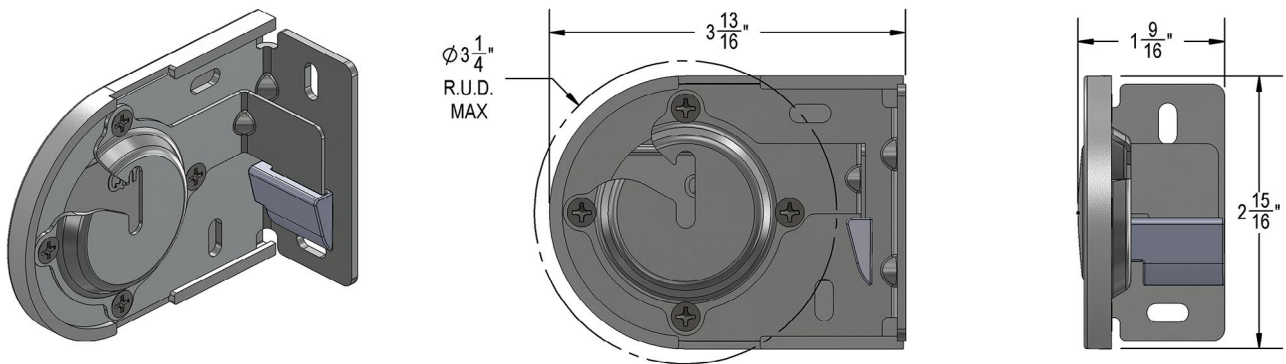
3.3 Universal Bracket Back Mount, With Cover



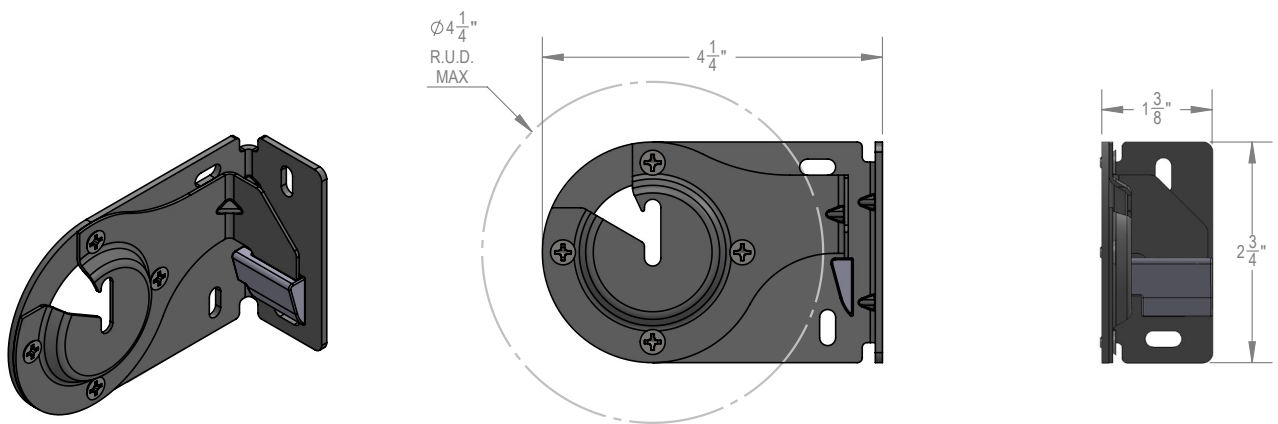
3.3 Universal Bracket Back Mount, No Cover, Reverse



3.3 Universal Bracket Back Mount, With Cover, Reverse

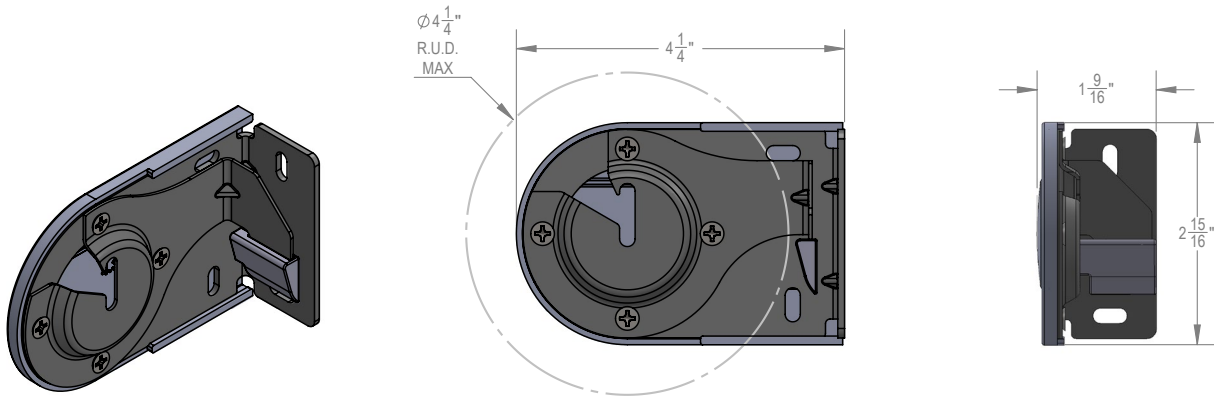


4.3 Universal Bracket Back Mount, No Cover

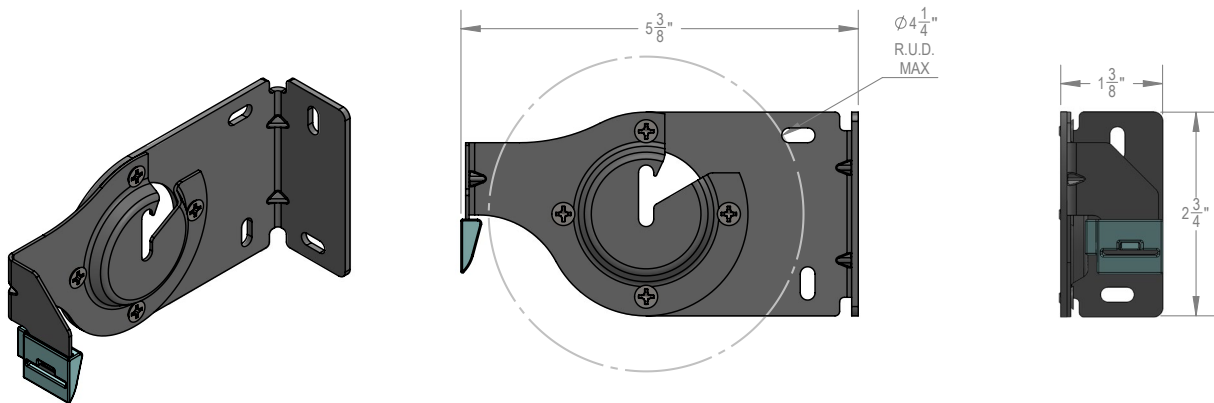


(Automated and Qfree)

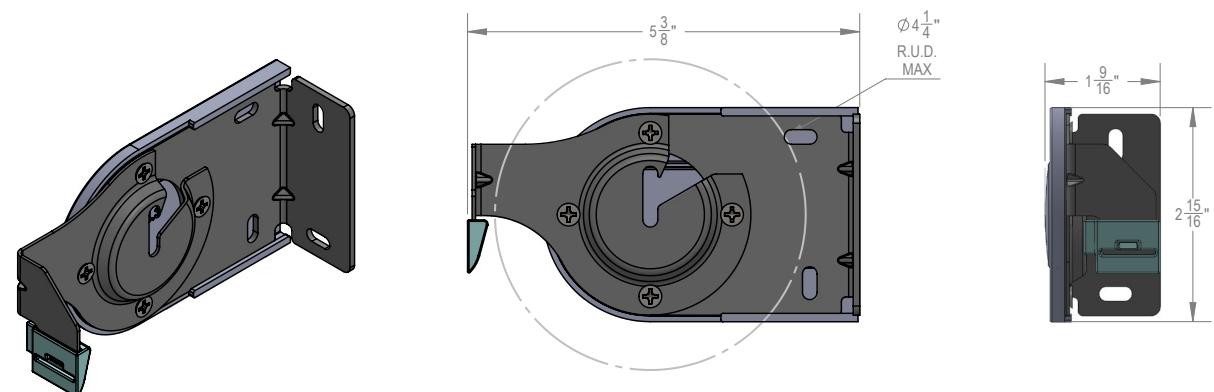
4.3 Universal Bracket Back Mount, With Cover



4.3 Universal Bracket Back Mount, No Cover, Reverse

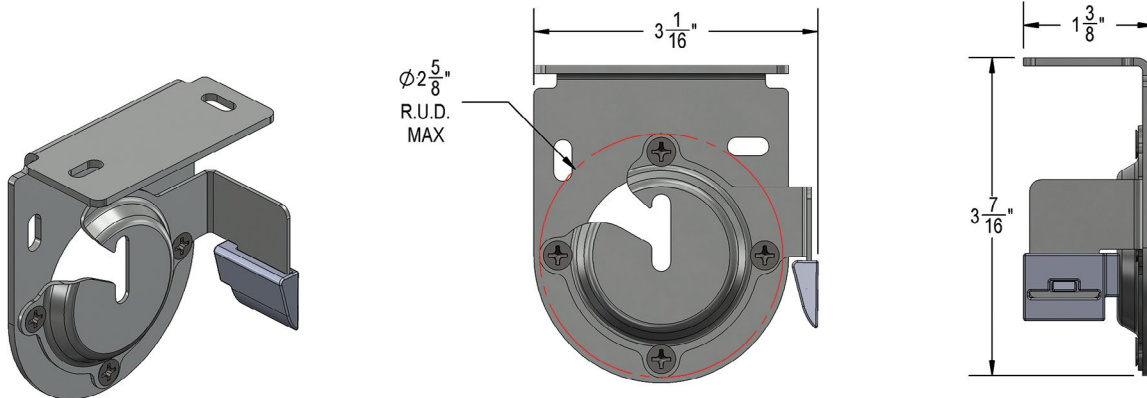


4.3 Universal Bracket Back Mount, With Cover, Reverse

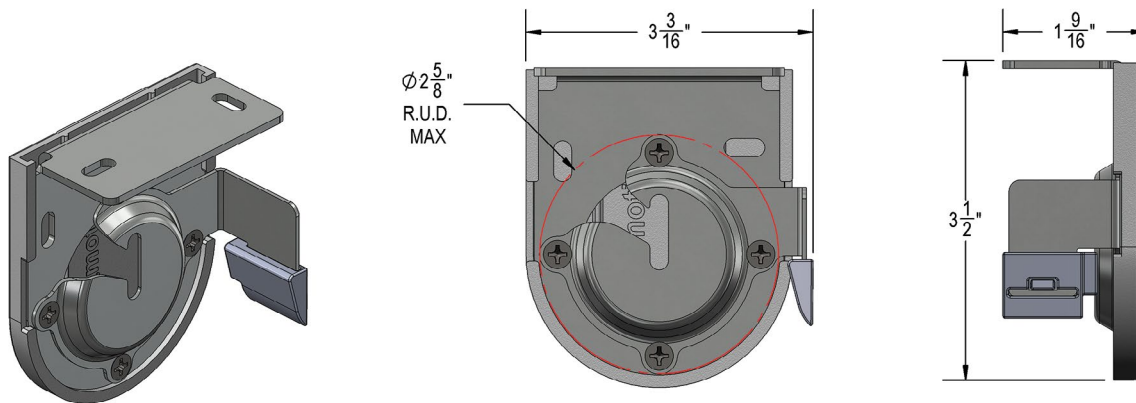


Automated, Qfree, Qbasic+ (4.3 and Dual not Available for Qbasic+)

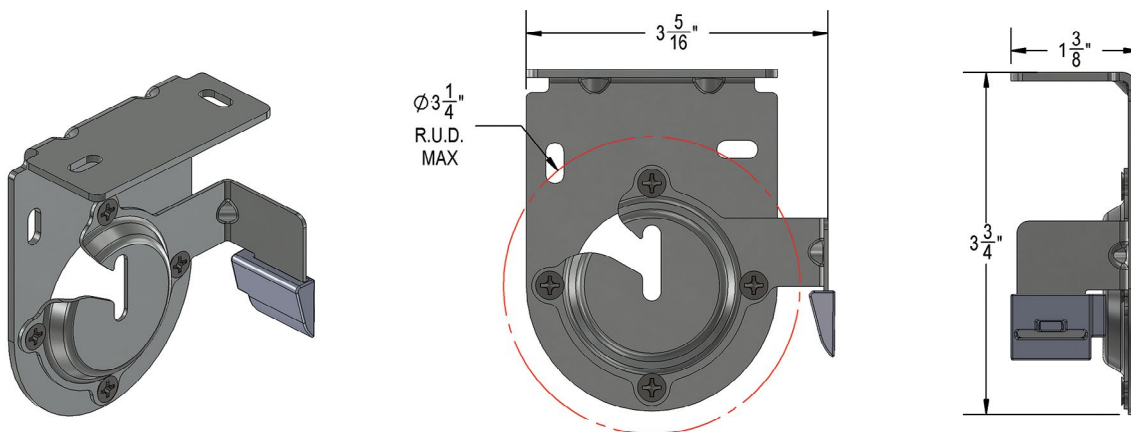
2.6 Universal Bracket Top Mount, No Cover



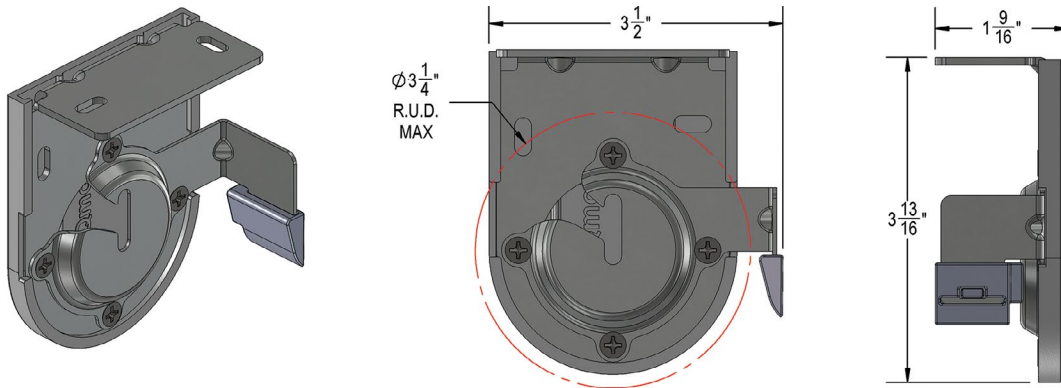
2.6 Universal Bracket Top Mount, With Cover



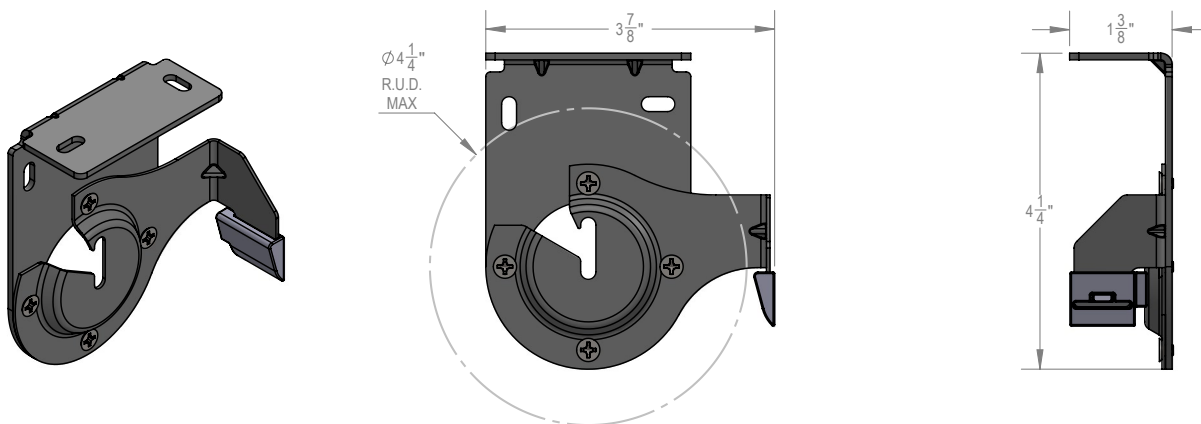
3.3 Universal Bracket Top Mount, No Cover



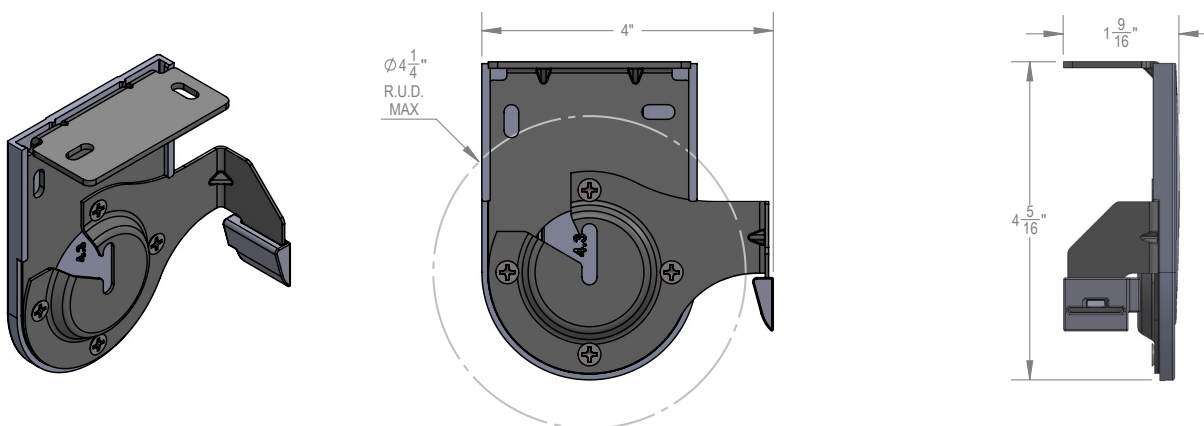
3.3 Universal Bracket Top Mount, With Cover



4.3 Universal Bracket Top Mount, No Cover

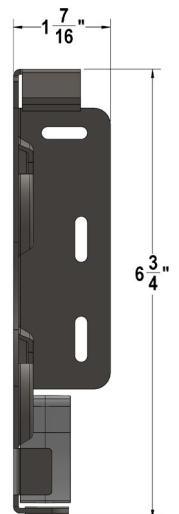
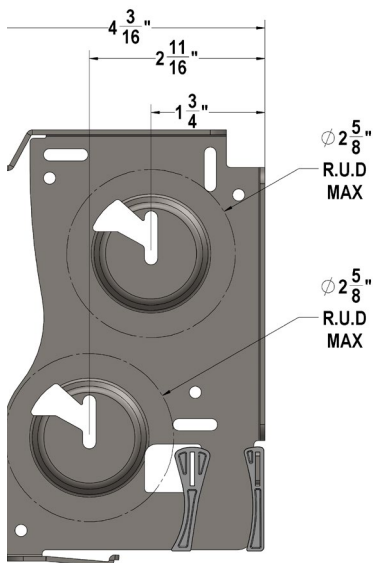
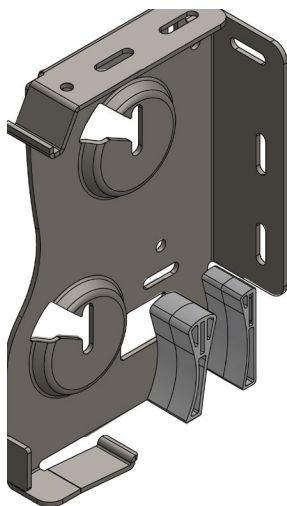
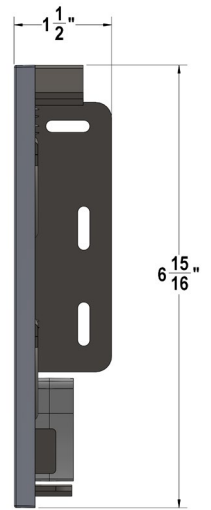
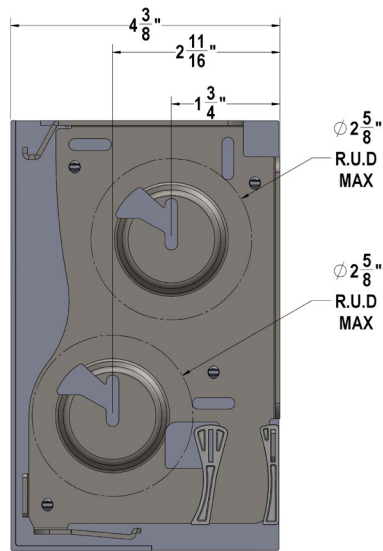
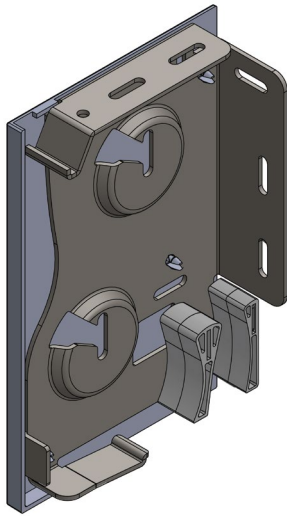


4.3 Universal Bracket Top Mount, With Cover



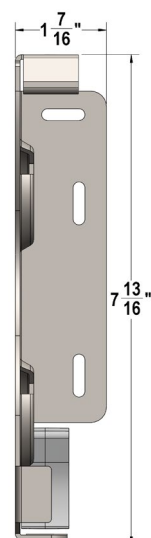
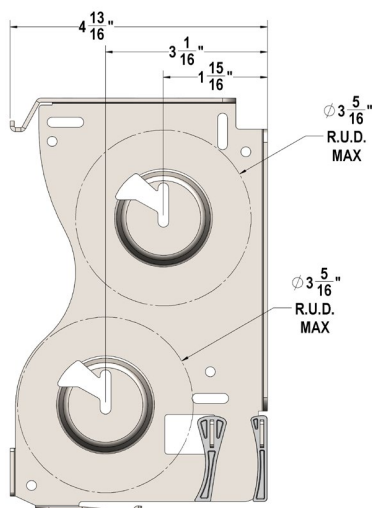
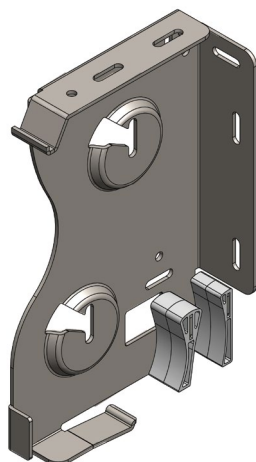
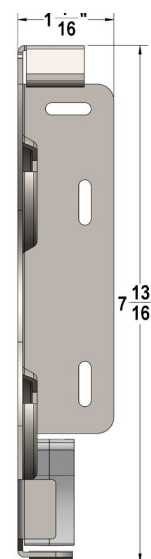
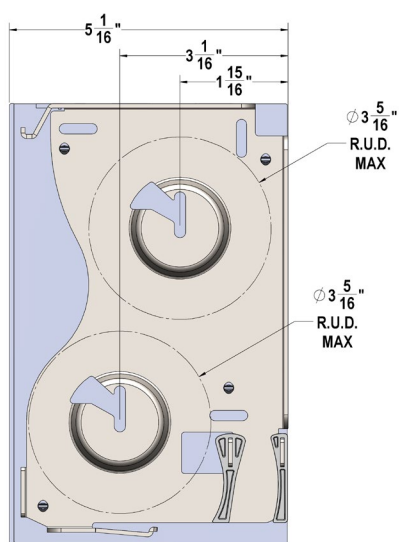
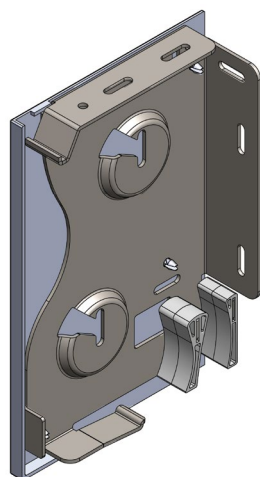
2.6 Dual Bracket

*Standard Roll Application Only



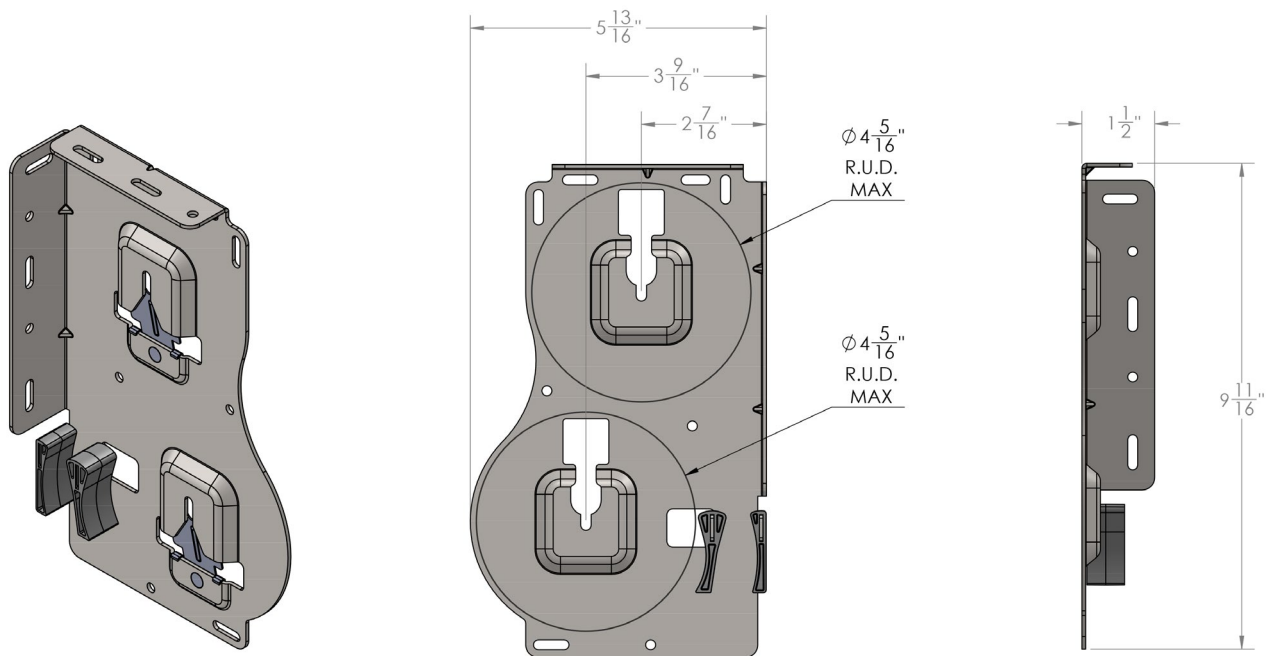
3.3 Dual Bracket

*Standard Roll Application Only

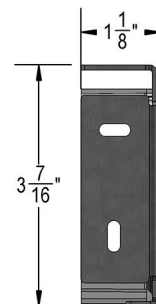
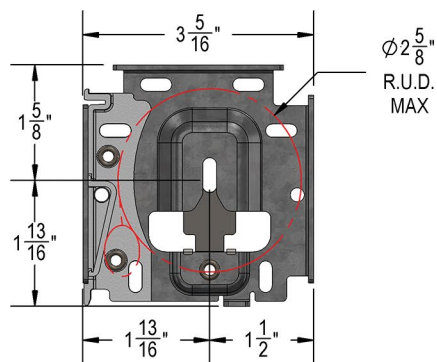
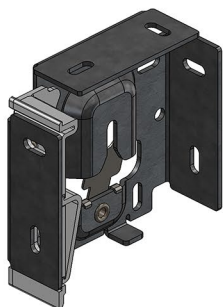


4.3 Dual Pocket Bracket

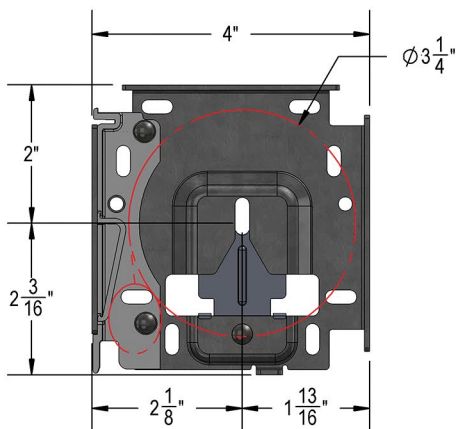
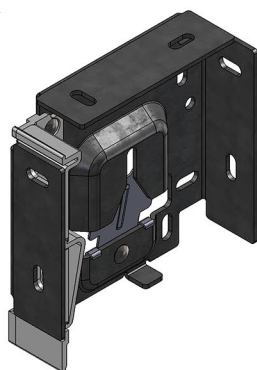
*Standard Roll Application Only



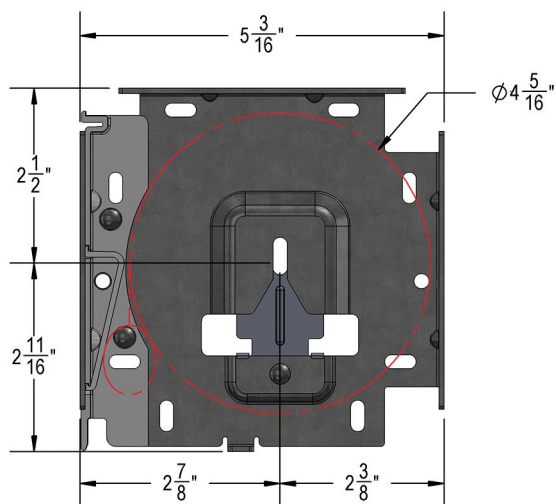
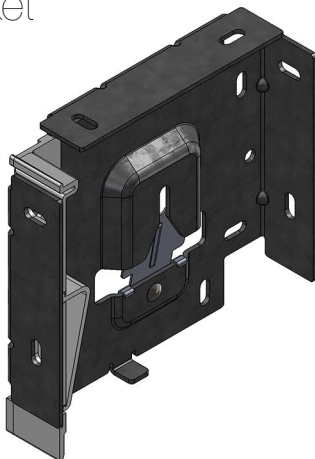
2.6 Fascia Bracket



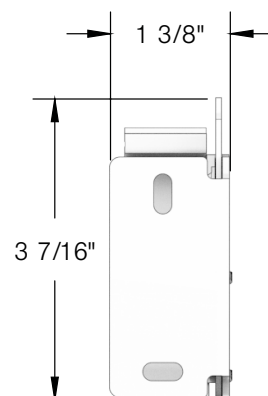
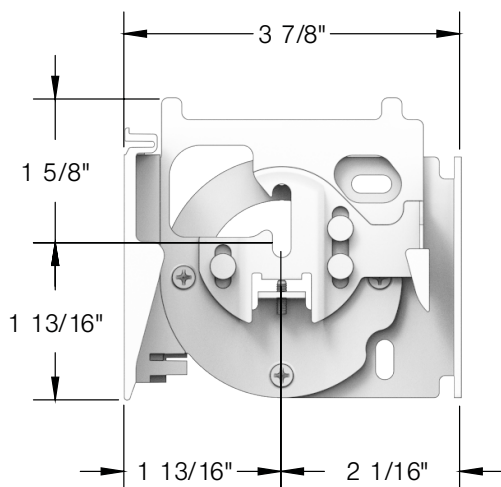
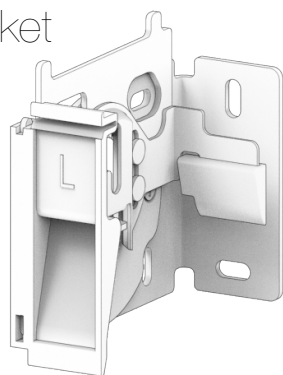
3.3 Fascia Bracket



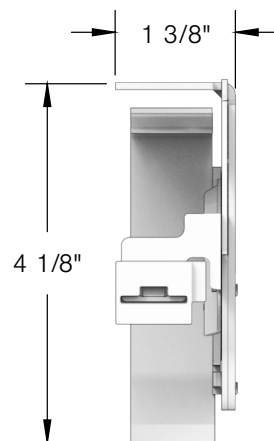
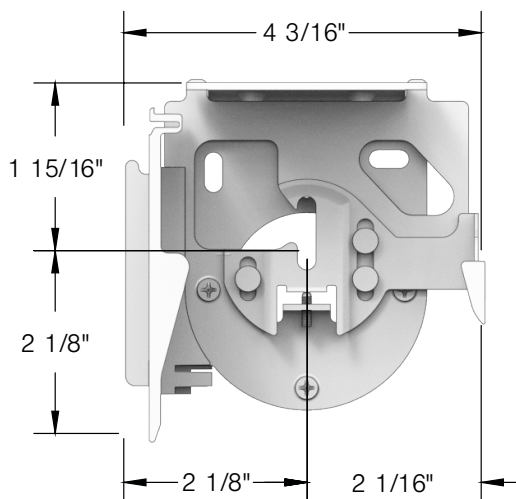
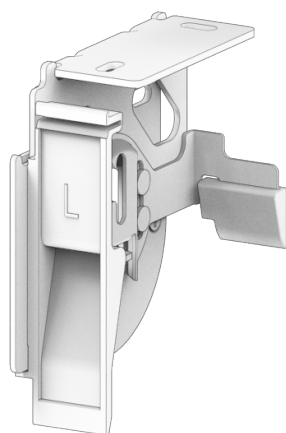
4.3 Fascia Bracket



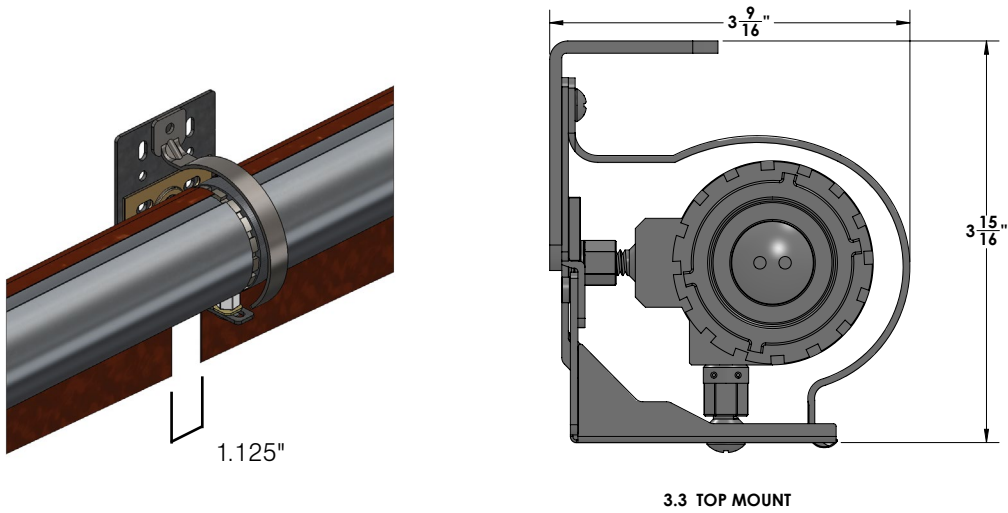
2.6 Fascia Bracket



3.3 Fascia Bracket

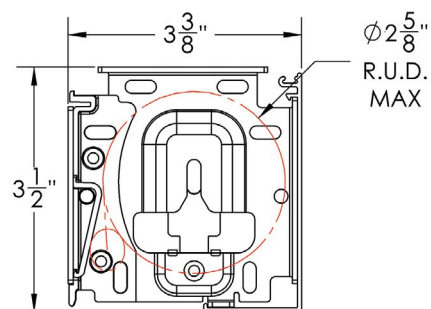
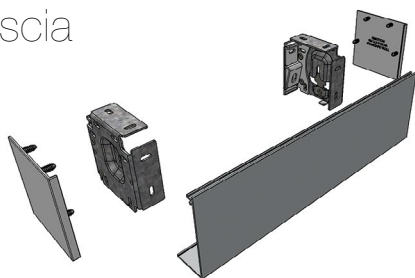


Qlink

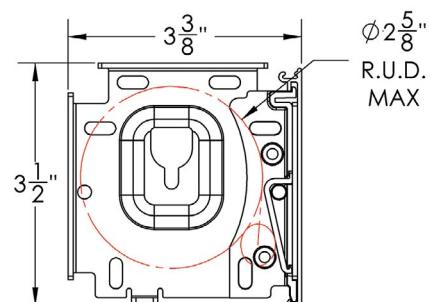
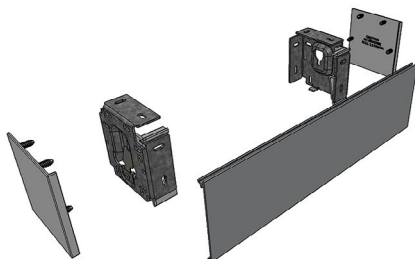


* R.U.D. indicates the maximum diameter on the system. Check fabric charts for specific shade diameters.

Standard Fascia

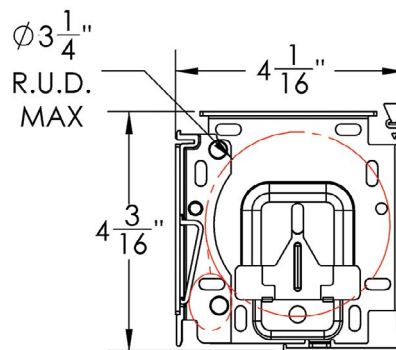
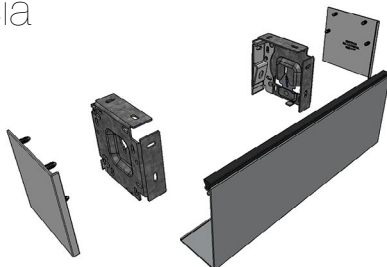


Reverse Fascia

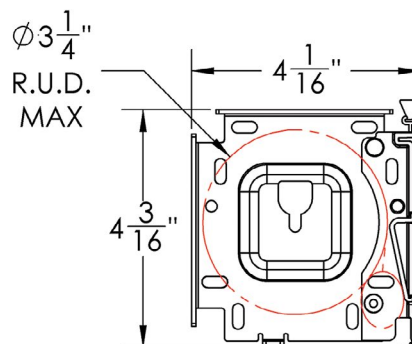
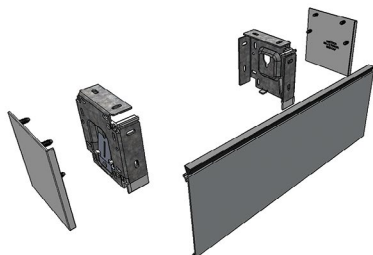


QMotion Fascia (3.3")

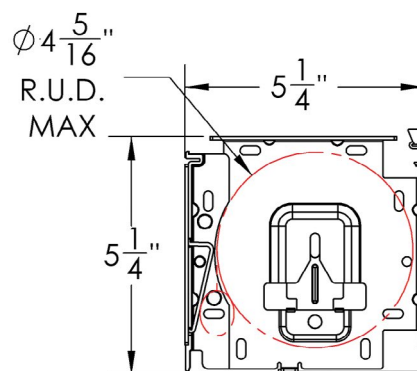
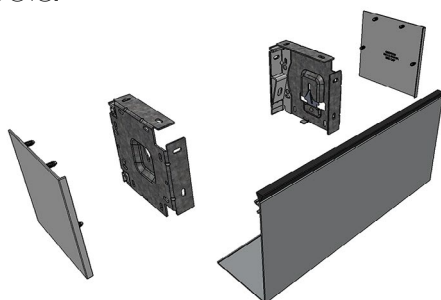
Standard Fascia



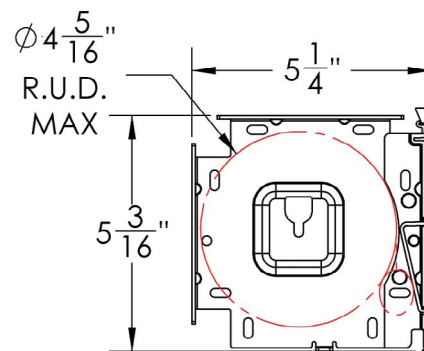
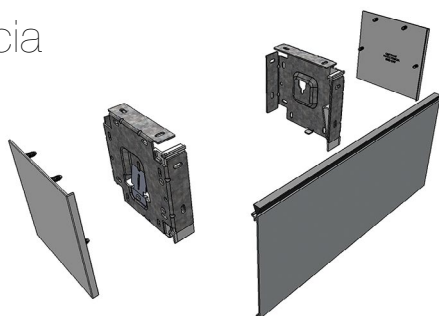
Reverse Fascia



Standard Fascia

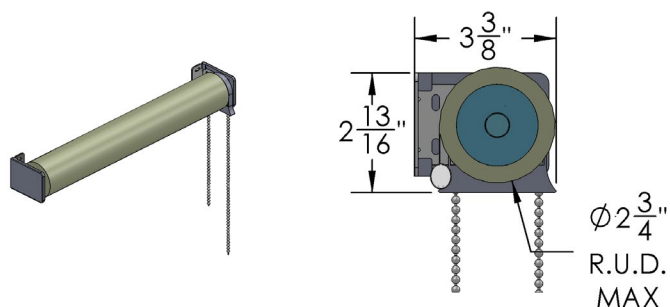


Reverse Fascia

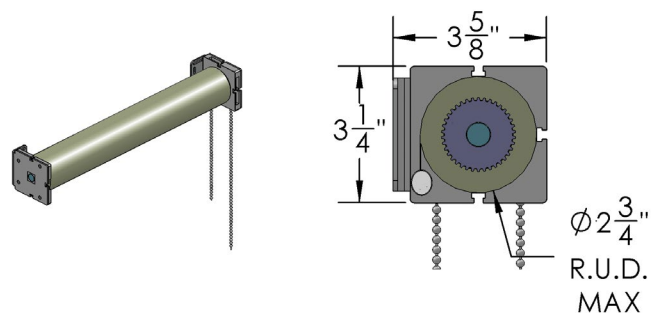


For our various shade choices these drawings can help determine the minimum required space in the window for mounting.

Qbasic QB-17



Qbasic QB-28



* R.U.D. indicates the maximum diameter on the system. Check fabric.

Note: QB-17 shades need to be upgraded to QB-28 if fascia is required.

Note: All Qbasic shades with side channel applications are only available in standard rolls.

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Environmental Statement

RoHS COMPLIANT.

WEEE (Waste Electrical and Electronic Equipment) Statement.

Disposal of Waste Equipment by Users in Private Household in the European Union.

This symbol on the product or on its packaging indicates that this product must not be disposed of with your other household waste. Instead, it is your responsibility to dispose of your waste equipment by handing it over to a designated collection point for the recycling of waste electrical and electronic equipment. The separate collection and recycling of your waste equipment at the time of disposal will help to conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment. For more information about where you can drop off your waste equipment for recycling, please contact your local city office, your household waste disposal service or the shop where you purchased the product.



Limited Lifetime Warranty

The below warranty applies to all orders placed with QMotion on or after November 1, 2019.

QMotion (“Manufacturer”) warrants that this window shade product, and/or specific components of the window shade product (collectively, “Products”), will be free from defects in materials and workmanship under normal use for the period of time specified herein. This Limited Warranty shall apply to each Product specified herein, beginning from the date first sold to the commercial or residential consumer (either, the “Buyer”) who uses or intends to use the Product, as evidenced by such Buyer’s proof of purchase, for the time periods set forth below:

- For all shade motors, controls, and power supplies manufactured by QMotion: **lifetime of the motor, control or power supply**
- For all shade motors, controls, and power supplies manufactured by Others: **eight (8) years**
- For all hardware including shade brackets, metal extrusions, and manual clutches: **twenty-five (25) years**
- For fabrics used as part of the shade system (for interior use only, regardless of whether fabrics are rated for outdoor/exterior use):
 - Mermet Fabrics:
 - Mermet GreenScreen fabric: **five (5) years**
 - All other Mermet fabrics: **ten (10) years**
 - Phifer Fabrics: **twenty-five (25) years**
 - All Others: **five (5) years**

Exclusions From this Limited Warranty: This Limited Warranty shall be null and void and no part of it shall apply if any one of the following occur: 1) the Product has not been properly installed by a qualified installer in accordance with all Manufacturer specifications; 2) the Product has been subject to unauthorized service; 3) the Product has been subject to mishandling, misuse, or abuse; 4) the Product has been modified; 5) the Product has suffered damage resulting from lightning, power surges, vandalism, fire, earthquake, acts of nature, or any other cause which the Product was not designed to withstand; 6) the Product has been used, or attempted to be used, for other than the normal or customary usage or for other than the Product’s intended use, including but not limited to exterior or outdoor use of a Product; 7) the Product has not been maintained in accordance with Manufacturer’s instructions; or 8) the Product has been damaged by battery decay or corrosion.

This Limited Warranty extends only to the original Buyer and is only valid if the Product is purchased from an authorized reseller. This Limited Warranty is not transferable. This Limited Warranty does not cover normal wear or tear or deterioration which occurs with the passage of time.

Batteries originally provided with a new Product, if any, are produced by a third party and are not warranted by Manufacturer. No employee, distributor, dealer, agent or representative is authorized to change the terms of this Limited Warranty in any way, to extend the warranty time periods, or to grant additional warranties, and no attempt to do any of the foregoing will be binding upon Manufacturer.

IF THIS LIMITED WARRANTY COVERS A CONSUMER PRODUCT, AS DEFINED BY THE MAGNUSON-MOSS WARRANTY ACT AND APPLICABLE CANADIAN CONSUMER PROTECTION LAWS, THEN NO WARRANTIES, EXPRESSED OR IMPLIED (INCLUDING, BUT NOT LIMITED TO, THE WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) SHALL EXTEND BEYOND THE APPLICABLE TIME PERIOD STATED IN BOLD FACE TYPE ABOVE. IF THIS LIMITED WARRANTY COVERS A COMMERCIAL PRODUCT, THEN THIS LIMITED WARRANTY IS IN LIEU OF ALL OTHER REPRESENTATIONS, GUARANTEES, OR OTHER EXPRESS OR IMPLIED WARRANTIES (INCLUDING, WITHOUT LIMITATION, THE WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) AND ALL SUCH OTHER EXPRESSED OR IMPLIED WARRANTIES ARE HEREBY SPECIFICALLY DISCLAIMED.

Claims for defects in material and workmanship covered by this Limited Warranty must be made in writing to the dealer from whom the Product was originally first purchased within the warranty period stated above and must include proof of purchase. Manufacturer may either send a service representative or have the Product returned to Manufacturer's facility, at Buyer's expense, for inspection. If judged by Manufacturer to be defective in material or workmanship, and to otherwise be covered by this Limited Warranty, the Product will be replaced or repaired at the option of Manufacturer, in its sole and absolute discretion, free from all charges for parts, labor, and shipping incurred by Manufacturer. Replacement labor, transportation costs, and any other costs or charges by the dealer, wholesaler, distributor, contractor, or installer are not covered by this Limited Warranty. Manufacturer may, in its sole discretion, replace a Product with any model it determines to be equivalent to the defective Product, or with a Product that has been factory refurbished. The remainder of any original warranty period will apply to any repaired Product or replacement Product.

THE REMEDIES OF BUYER SET FORTH IN THIS LIMITED WARRANTY ARE EXCLUSIVE AND ARE IN LIEU OF ALL OTHER REMEDIES. THE LIABILITY OF MANUFACTURER WHETHER IN CONTRACT, TORT, UNDER ANY WARRANTY OR OTHERWISE, SHALL NOT EXTEND BEYOND ITS OBLIGATION TO REPAIR OR REPLACE, AT ITS OPTION, ANY PRODUCT OR PART FOUND BY MANUFACTURER TO BE DEFECTIVE IN MATERIAL OR WORKMANSHIP AND OTHERWISE SUBJECT TO THIS LIMITED WARRANTY. MANUFACTURER SHALL NOT BE RESPONSIBLE FOR ANY DIRECT, INDIRECT, SPECIAL OR CONSEQUENTIAL DAMAGES OF ANY NATURE.

This Limited Warranty gives specific legal rights and Buyer may have other rights, which may vary from jurisdiction to jurisdiction. However, some jurisdictions do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages so the above limitations or exclusions may not apply to specific Buyers.

Obtaining Warranty Service

The end user of the Product must contact the QMotion authorized dealer who sold/installed the Product to obtain warranty service. A description of any claimed failure or defect will be required in writing, and dated proof of purchase from an authorized dealer will be required to verify warranty eligibility. Authorized dealer is responsible for facilitating the servicing of Products under warranty with QMotion.

Contact us at QMotion

877-849-6070 Option 2

www.qmotionshades.com | www.legrandav.com



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