Contract Series | R-Series

Contract Series
Roller Shade System

RollEase®
ENGINEERED TO BE ESSENTIAL®

RollEase, Inc. 200 Harvard Avenue Stamford, CT 06902-6320
800.552.5100 203.964.1573 Fax: 203.964.0513 www.rollease.com
Order Fax: 203.358.5865 Rev: May 5, 2009

Contract Series Features and Options

The performance and reliability of the RollEase Roller Shade system far exceeds that of a spring roller, look-alike clutch or a friction brake mechanism. Once you compare our superior quality, outstanding performance and ease of use you'll see why our patented mechanism is the system preferred by a wide majority of architects, interior decorators and building tenants.

Features:

- An adjustment free, patented clutch technology controlled by a stainless-steel ball chain or plastic bead chain. The clutch is comprised multi-banded steel springs that lock the shade in the desired precise position. When the bead chain is pulled, the clutch completely releases allowing the shade to be freely raised or lowered.
- Multiple clutch sizes for operational flexibility and cost efficiency. Five clutch capacity sizes: 8, 16, 24, 30, 53 lbs
- Clutch made from durable glass reinforced polyester thermopolymer (PBT) for wear resistance, smooth operation, and corrosion resistance.
- Multiple tube sizes improve cost efficiency. Clutch housings available for 1, $1^{1}/_{8}$, $1^{1}/_{4}$, $1^{1}/_{2}$, 2 and 2.5 inch Aluminum tube.
- Universal brackets, in 16-gauge enameled galvanized steel, capable of being mounted in any position.
- Edge clearances from the shadeband to the inside of the jamb: $^{3}/_{8}$ inch at the idle end and $^{5}/_{8}$ inch at the drive end.

Options:

- A fascia system made from extruded-aluminum that snap onto the mounting brackets. No exposed hardware. Available in Bronze, Vanilla, White, Black, and Anodized
- Multiple sized aluminum pockets with bottom-closures and black-out side and bottom channels
- Widest variety of clutch options featuring award winning and patented technology advancements which provide the smoothest and easiest pull forces in the industry.
- Industries only clutch systems available specifically made and fully warranted for outdoor or harsh environment usage.
- Plastic Bead Chain in vanilla, black, gray and white also available as continuous loops or metal bead chain in a variety of colors and finishes. Polyester control cord for use on 8 clutch size only in wide variety of colors.
- Bracket covers available for standard brackets, fascia brackets and pockets

Lifetime Warranty:

Rollease clutches shall be free of defects in workmanship and materials under the normal use and service for which intended, for so long as the original purchaser owns the product

(See warranty details)

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About the Contract Series™

SALES MATERIALS

Product Presentation
The Contract Series consists of quality engineered and field proven roller shade components designed for manual commercial applications. Roller shade systems include: black-out window applications.

Features
The Contract Series manual systems feature a bead chain operated clutch constructed out of glass fiber reinforced polyester thermopolymer (PBT). Manual systems encompass a patented, bi-directional wrap spring technology.
Manual systems' design and flexibility allows for fast, cost effective and trouble-free installation.

Performance Capabilities
RollEase systems allow building tenants to reposition shades evenly and precisely providing easy management of light control, energy conservation and room darkening.

RollEase Contract Series™ roller shade systems are specified by leading architectural and design firms. A selection of firms and commissions follow:

Architect/Designer	Commission
Gwathmey Siegel & Associates	Morgan Stanley & Co
Swanke Hayden & Connell	Smith Barney, Fried, Frank, Harris, Shriver & Jacobson, IBM
Perkins & Will	Standard Charter Bank, Wykoff Heights Medical Center
Platt & Byard	Chanel, Inc.
Kohn Pederson & Fox	Viacom International
Helmuth Obata & Kassabaum	Viacom International, Société Général, NYNEX
Gensler International	Patterson, Belknap, Webb & Tyler, UBS Securities, Fidelity Investments, Church Pension Fund, Goldman Sachs & Co.,
Frank & Marcotullio Design Assoc.	Republic National Bank
SCR Design Organization	Service System
Phillips Jansen Group Architects	NBC Today Show, Columbia House Company
The Hillier Group	Deloitte & Touche
Skidmore Owings & Merrill	Solomon Brothers
Cesar Pelli & Associates	Kuala Lumpur City Centre (Sendirian Berhad)

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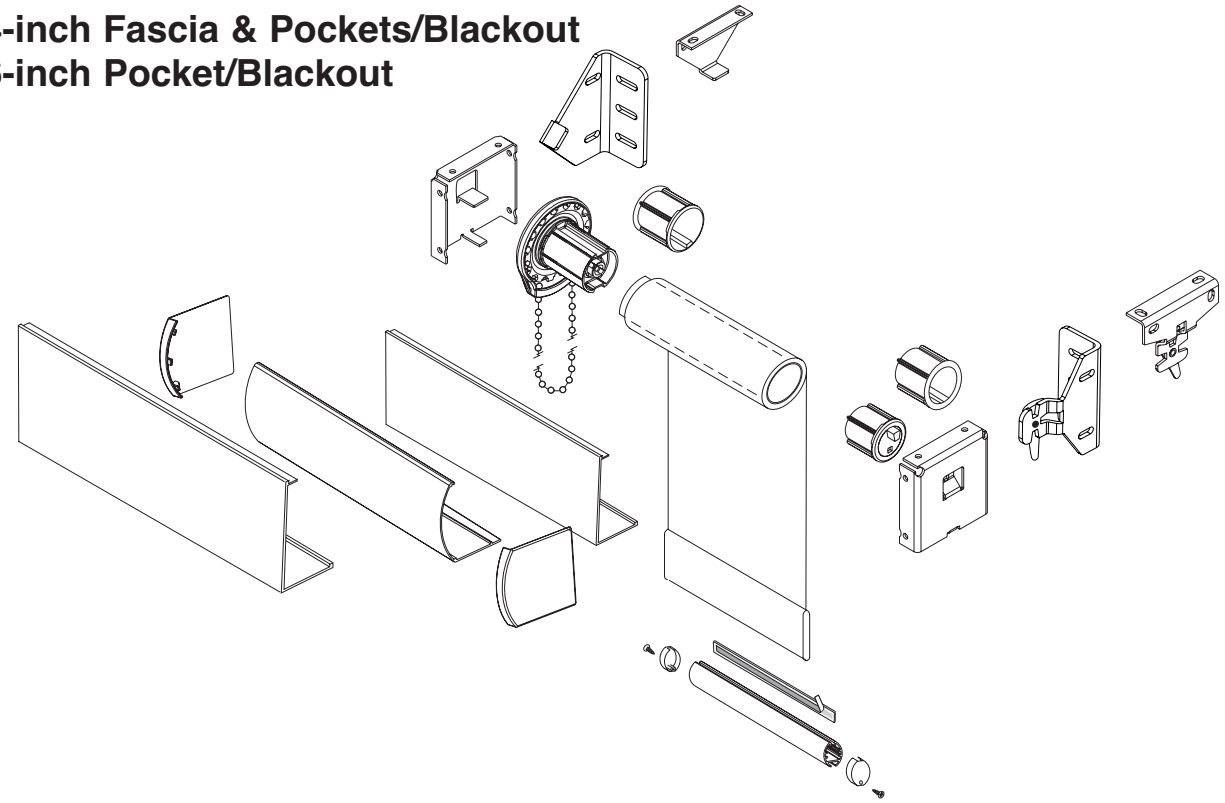
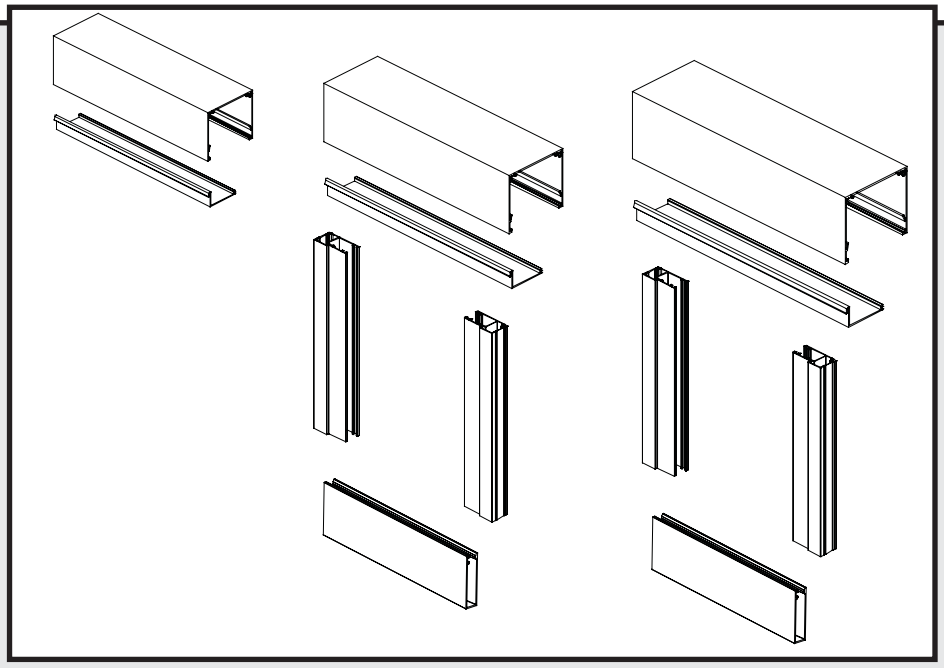
SALES MATERIALS

Contract Series Overview

- Clutches
- Standard Brackets
- 3-inch Fascia & Pockets
- 4-inch Fascia & Pockets/Blackout
- 6-inch Pocket/Blackout





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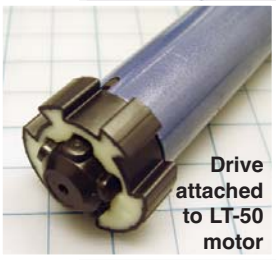
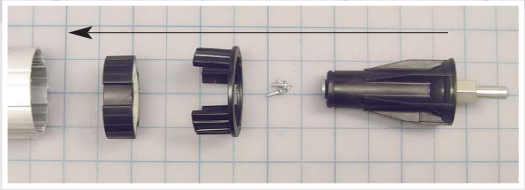
2.5 Inch (63mm) Tube Motor Adapter


Drive attached to LT-50 motor


Drive attached to ST-50 motor


SOMFY Pin-End Side Insertion Order

RollEase introduces a new 2.5 inch (63mm) tube adapter set specifically designed for use with Somfy® Sonesse 50 (Ultra-quiet series) as well as all LT series motors to enhance performance and reduce mechanical noise.The adapter set allows the SOMFY® ST-50 or LT-50 motor to be used with RollEase 2.5 inch (63mm) tube.

The adapter set consists of a special **CROWN** (inserts into RollEase tube and is secured via screws to the outside rim of roller tube) and a rubber "overmolded" sound-dampening **DRIVE** which attaches to the drive-end of the Somfy motor and is secured by the Somfy drive stop. The drive stop prevents accidental separation of the drive from the motor while the window covering is in motion.

An additional adapter set is used on the idler side of the tube to secure and stabilize the Somfy Idler Pin-End. (Crown adapter mounts to the tube same as the motor side, and the Drive slips on to the Somfy Idler Pin and is secured by a "C" clip.) Motors, Drive stops, Idler Pin-Ends, and associated electronic controls are available through Somfy. Tube and adapter sets available through RollEase.

Part number: **RTA6U50(BK)**
20 sets per box includes (1) Drive, (1) Crown and (3) crown mounting screws.
(2) sets to be used per shade.

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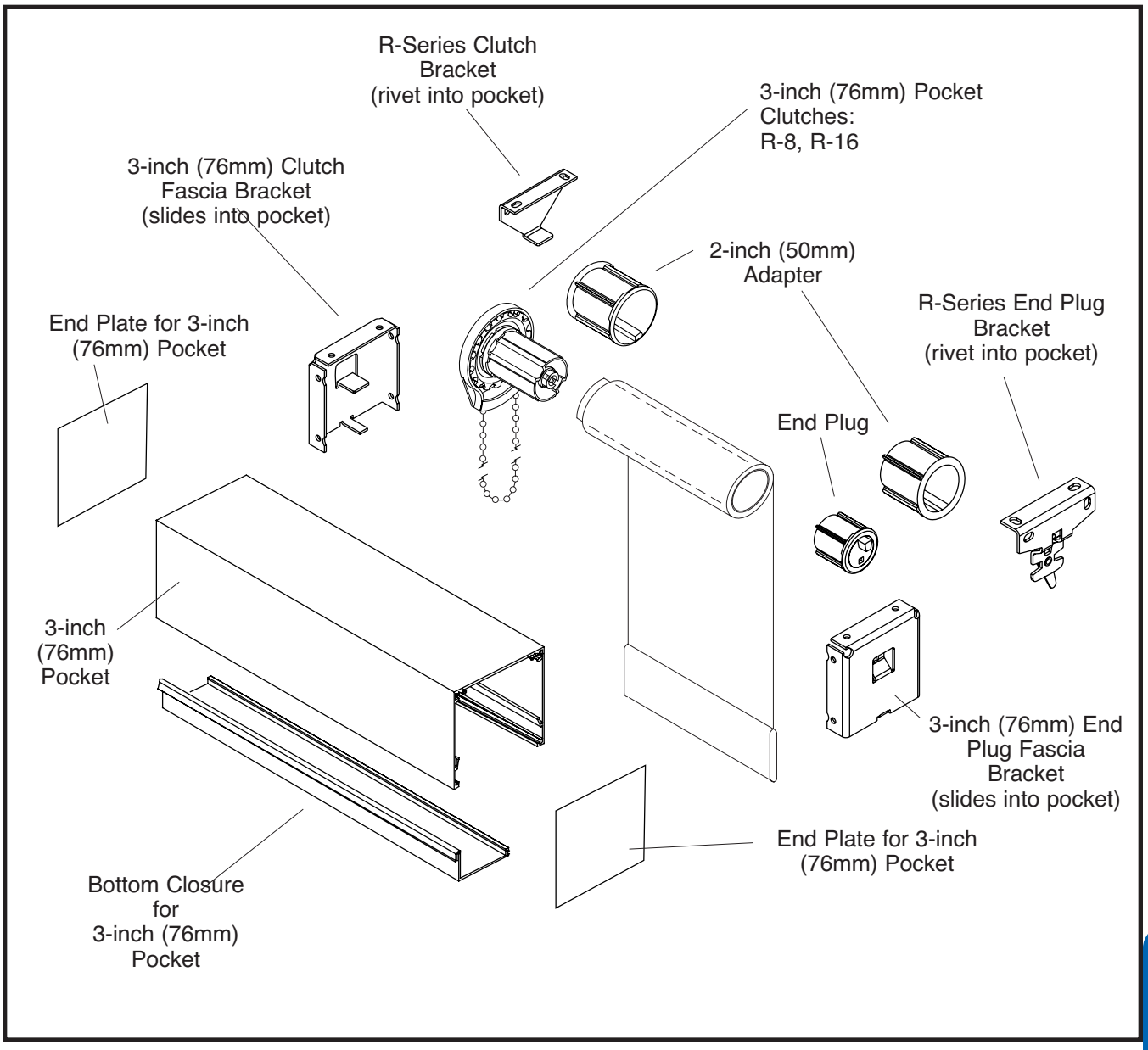
3-Inch (76mm) Pocket System



3" (76mm) Pocket Max Roll Size 2.40" (61mm)	
Sunscreen Fabric	**Max Drop**
ShearWeave® 2000 on 1.25" (32mm) tube	**168" (4,3m)**
ShearWeave® 2000 on 1.50" (38mm) tube	**144" (3,7m)**
ShearWeave® 4000 on 1.25" (32mm) tube	**84" (2,1m)**
ShearWeave® 4000 on 1.50" (38mm) tube	**72" (1,8m)**

Note: The roll size calculation does not take into consideration tube deflection.

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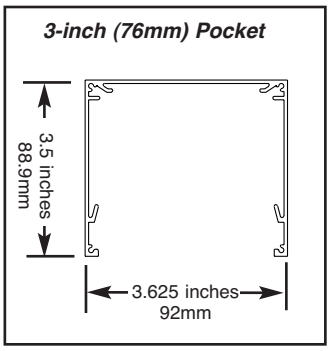
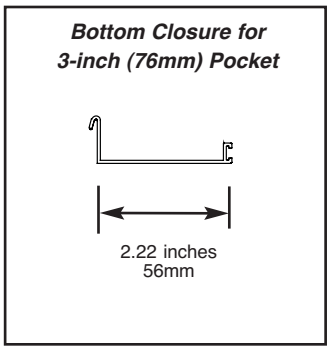
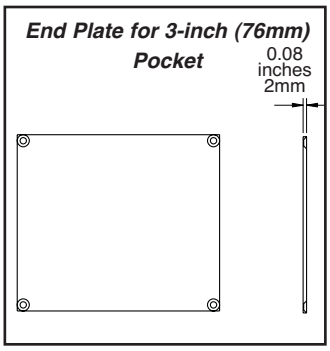
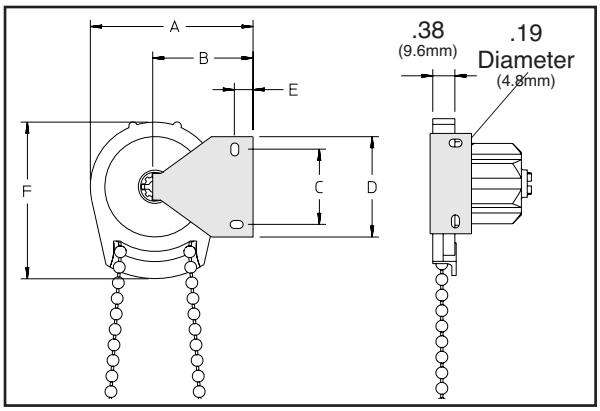
3-inch (76mm) Pocket Component Dimensions

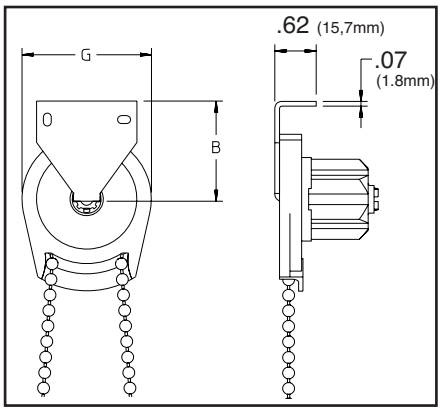


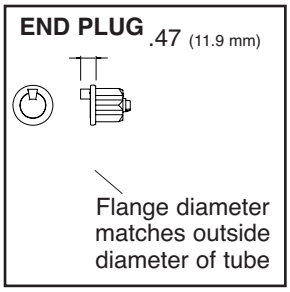




R-Series Standard Bracket Configuration







CLUTCH MODEL	BRACKET MODEL	A	B	C	D	E	F	G
R8	360	2.48	1.5	1.06	1.5	0.28	2.35	1.95
	380	2.98	2.0	1.06	1.5	0.28	2.35	1.95
R16	560	2.95	1.62	2.0	2.5	0.31	3.21	2.65
	580	3.45	2.12	2.0	2.5	0.31	3.21	2.65

Measurements in inches (

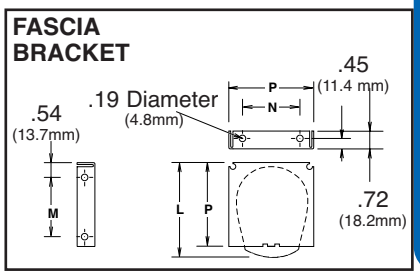
A	B	C	D	E	F	G
62.9	38.1	26.9	38.1	7.1	58.7	49.5
75.7	101.6	26.9	38.1	7.1	59.7	49.5
74.9	41.1	50.8	63.5	7.9	81.5	67.3
87.6	53.8	50.8	63.5	7.9	81.5	67.3

Measurements in Millimeters

R-Series Standard Fascia Bracket Configuration

CLUTCH MODEL	BRACKET MODEL	L	M	N	P
R8	361	3.31	2.08	1.93	3.0
R16	561	3.35	2.08	1.93	3.0

L	M	N	P
84	52.8	49	76.2
85	52.8	49	76.2



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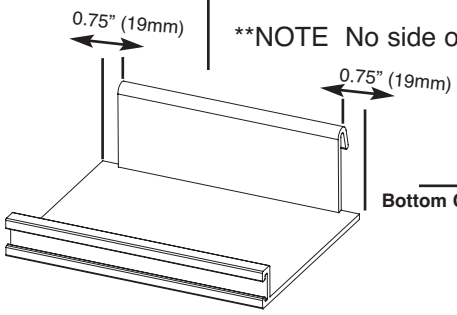
R8 on 1 1/4" (32mm) Tube

The following deduction charts are predicated on exact I.D. dimensions. For O.D. installations, use finished measurements. (W) = width of window opening, (H) = height of window opening.

Part	Deduction
Tube [with end plates]	W minus 1 1/4" (32mm)
Tube [without end plates]	W minus 1 1/8" (28mm)
Fabric	same as tube
Internal hem bar	same as tube
Ceiling pocket [with end plates]	W minus 3/16" (4,8mm)
Ceiling pocket [without end plates]	W
Bottom closure [with end plates]	W minus 5/8" (15,9mm)
Bottom closure [without end plates]	W minus 1/2" (13mm)

*NOTE: Bottom closure must be notched 3/4" (19mm) on the back lip on both sides (pin end and clutch end) to fit past the brackets. This allows the bottom closure to give more light blocking capability.

**NOTE No side or bottom channel can be used on the 3" (76mm) pocket



Bottom Closure Notching

R16 on 1 1/2" (38mm) Tube

The following deduction charts are predicated on exact I.D. dimensions. For O.D. installations, use finished measurements. (W) = width of window opening, (H) = height of window opening.

Part	Deduction
Tube [with end plates]	W minus 1 3/8" (35mm)
Tube [without end plates]	W minus 1 3/16" (30mm)
Fabric	tube width
Internal hem bar	tube width
Ceiling pocket [with end plates]	W minus 3/16" (4,8mm)
Ceiling pocket [without end plates]	W
Bottom closure [with end plates]	W minus 5/8" (15,9mm)
Bottom closure [without end plates]	W minus 1/2" (13mm)

*NOTE Bottom closure must be notched 3/4" (19mm) on the back lip on both sides pin end and clutch end to fit past the brackets, this allows the bottom closure to give more light blocking capability.

**NOTE No side or bottom channel can be used on the 3" (76mm) pocket

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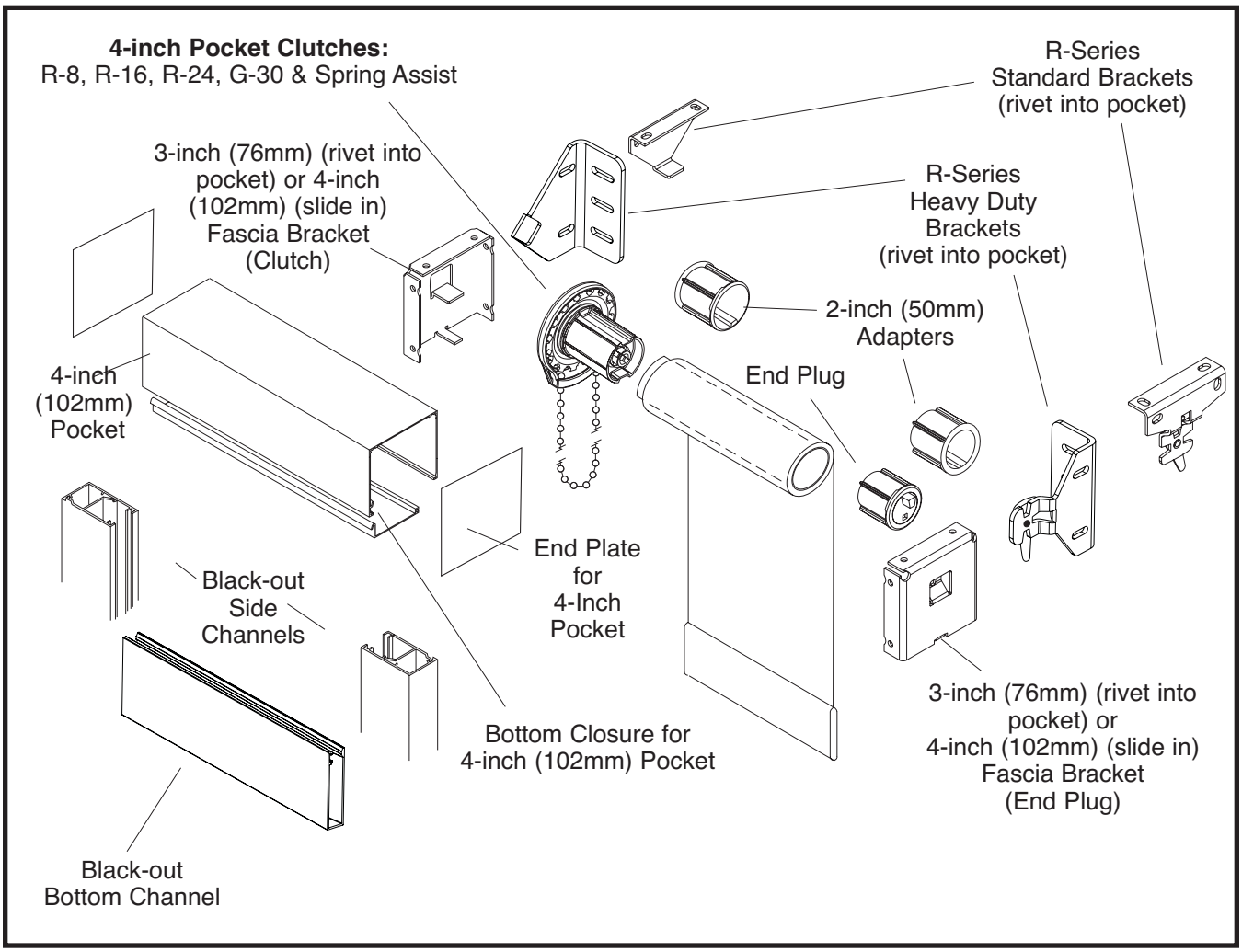
4-inch (102mm) Pocket & Blackout System



4" (102mm) Pocket Max Roll Size 3.40 inches (86mm)

Sunscreen Fabric	Max Drop
ShearWeave® 2000 on 1.50" (38mm) tube	**over 192" (4,9m)**
ShearWeave® 2000 on 2.00" (50mm) tube	**over 192" (4,9m)**
ShearWeave® 4000 on 1.50" (38mm) tube	**180" (4,6m)**
ShearWeave® 4000 on 2.00" (50m) tube	**144" (3,7m)**

Note: The roll size calculation does not take into consideration tube deflection.

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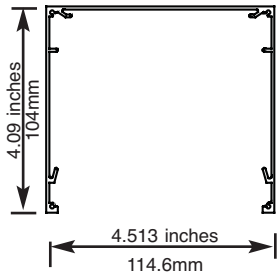
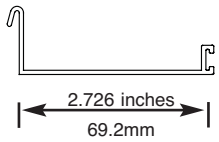
4-inch (102mm) Pocket Component Dimensions

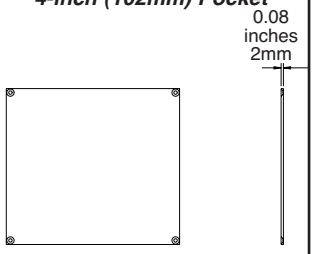
4-inch (102mm) Pocket



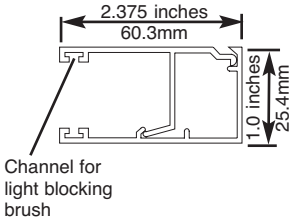
Bottom Closure for 4-inch (102mm) Pocket



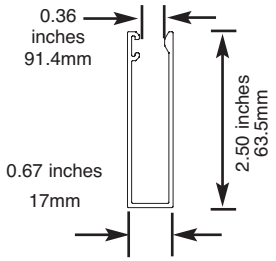
End Plate for 4-inch (102mm) Pocket



2-Piece Black-out Side Channel



Black-out Bottom Channel



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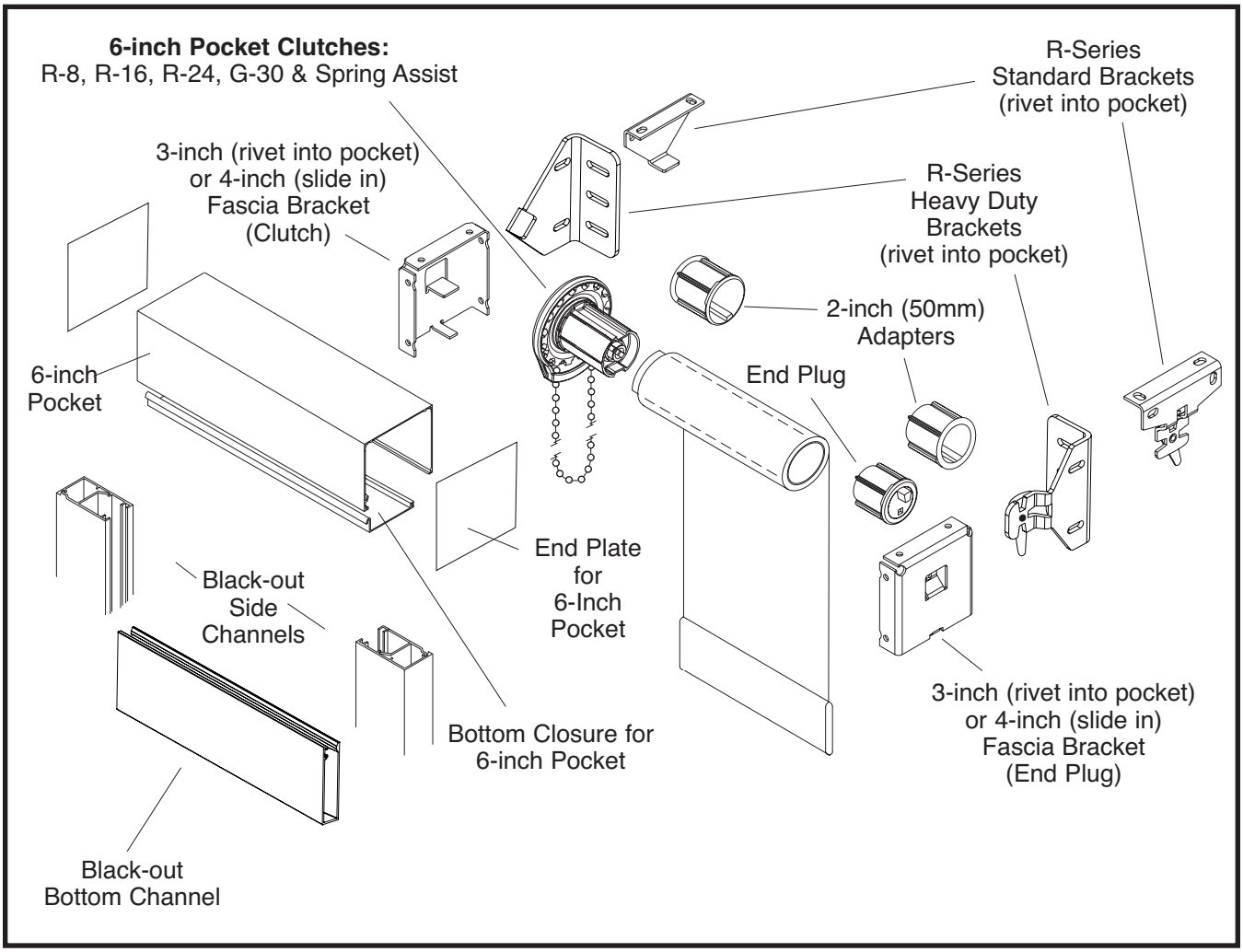
6-inch Pocket & Blackout System



6” Pocket Max Roll Size 5.0 inches

Sunscreen Fabric	Max Drop
ShearWeave® 2000 on 1.50” tube	over 240”
ShearWeave® 2000 on 2.00” tube	over 240”
ShearWeave® 4000 on 1.50” tube	over 240”
ShearWeave® 4000 on 2.00” tube	over 240”
ShearWeave® 4000 on 2.50” tube	360”
ShearWeave® 4000 on 3.0” tube	318”

Note: The roll size calculation does not take into consideration tube deflection or weight versus width issues.

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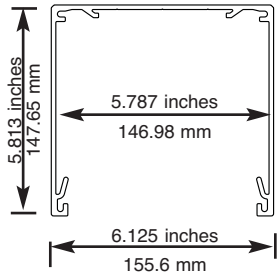
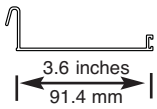
6-inch Pocket Component Dimensions

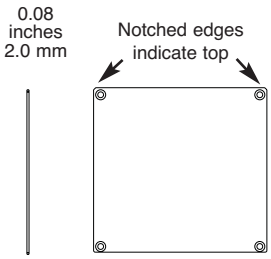
6-inch Pocket



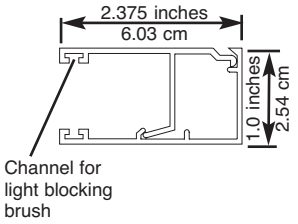
Bottom Closure for 6-inch Pocket



End Plate for 6-inch Pocket

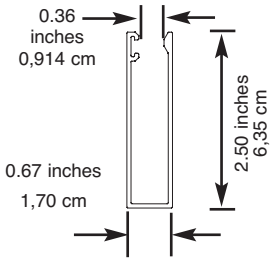


2-Piece Black-out Side Channel



Dimensions shown conform to aluminum extrusion industry standards for tolerances.

Black-out Bottom Channel



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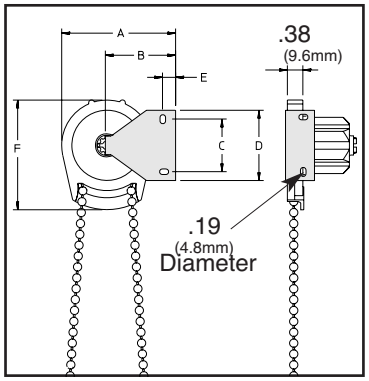
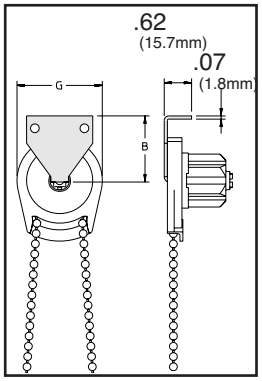
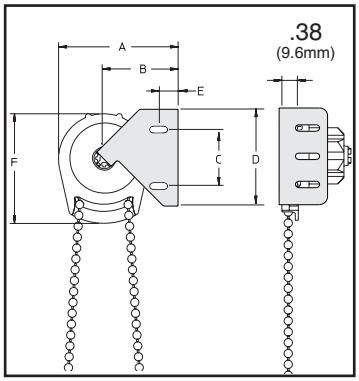
Standard Bracket Configuration



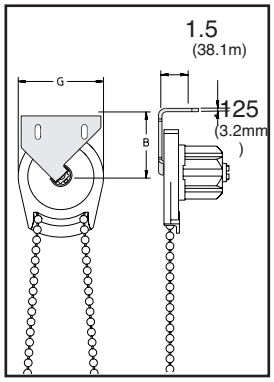
360/380/560/580 BRACKET



360/380/560/580 BRACKET



RBGAL BRACKET



RBGAL BRACKET

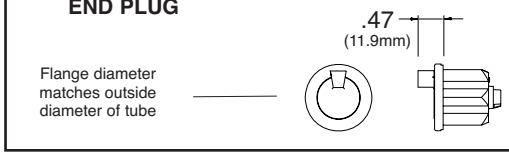
CLUTCH MODEL	BRACKET MODEL	A	B	C	D	E	F	G
R8	360	2.48	1.5	1.06	1.5	0.28	2.35	1.95
	380	2.98	2.0	1.06	1.5	0.28	2.35	1.95
R16	560	2.95	1.62	2.0	2.5	0.31	3.21	2.65
	580	3.45	2.12	2.0	2.5	0.31	3.21	2.65
	RBGAL	3.56	2.25	1.75	3.0	0.60	3.21	2.65
R24	580	3.91	2.12	2.0	2.5	0.31	4.29	3.58
	RBGAL	4.06	2.25	1.75	3.0	0.60	4.29	3.58

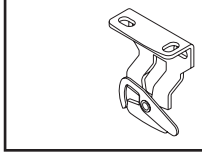
Measurements in inches

A	B	C	D	E	F	G
63	38.1	26.9	38.1	7.1	59.7	49.5
75.7	50.8	26.9	38.1	7.1	59.7	49.5
74.9	41.1	50.8	63.5	7.8	81.5	67.3
87.6	53.8	50.8	63,5	7.8	81.5	67.3
90.4	57.2	44.5	76.2	15.2	81.5	67.3
99.3	53.8	50.8	63.5	7.8	109	90.9
103.1	57.2	44.5	76.2	15.2	109	90.9

Measurements in Millimeters

END PLUG

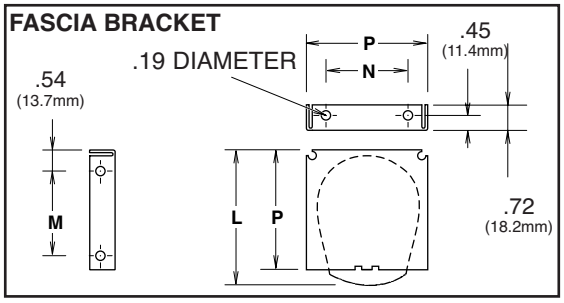




END PLUG BRACKET WITH RETAINER

R-Series
Standard Fascia Bracket Configuration

FASCIA BRACKET



CLUTCH MODEL	BRACKET MODEL	J	K	L	M	N	P
R8	361	3.06	2.28	3.31	2.08	1.93	3.00
R16	561	3.06	2.28	3.35	2.08	1.93	3.00
R24	581	4.06	2.78	4.50	3.08	2.93	4.00

Measurements in inches

J	K	L	M	N	P
77.7	57.9	84	52.8	49	76.2
77.7	57.9	85	52.8	49	76.2
103.1	70.6	114.3	78.2	74.4	101.6

Measurements in Millimeters

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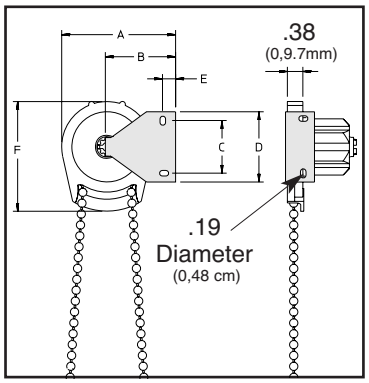
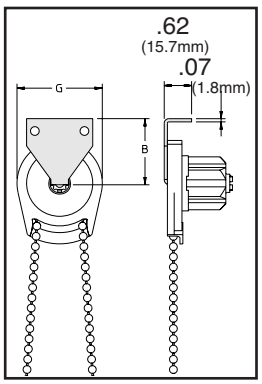
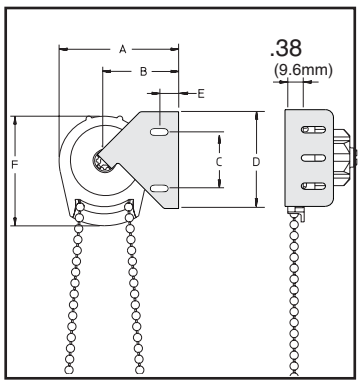
G-300 Galaxy Clutch, R-Series Standard Bracket Configuration



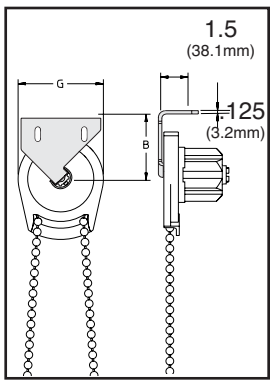
560/580 BRACKET



560/580 BRACKET



RBGAL BRACKET



RBGAL BRACKET

CLUTCH MODEL	BRACKET MODEL	A	B	C	D	E	F	G
G-300	560	2.95	1.62	2.0	2.5	0.31	3.21	2.65
	580	3.45	2.12	2.0	2.5	0.31	3.21	2.65
	RBGAL	3.56	2.25	1.75	3.0	0.60	3.21	2.65

Measurements in inches (Centimeters: multiple by 2.54)

A	B	C	D	E	F	G
74.9	41.1	50.8	63.5	7.9	81.5	67.3
87.6	53.8	50.8	63.5	7.9	81.5	67.3
90.4	57.2	44.5	76.2	15.2	81.5	67.3

Measurements in Millimeters

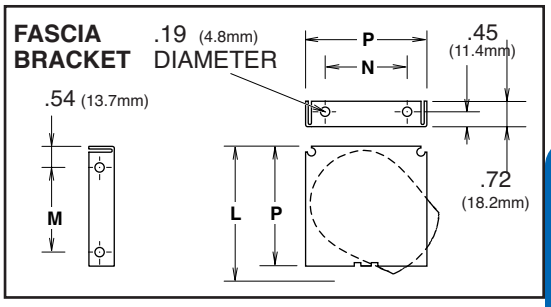
G-300 Galaxy Clutch, R-Series Standard Fascia Bracket Configuration

CLUTCH MODEL	BRACKET MODEL	J	K	L	M	N	P
G-300	581	4.06	2.78	n/a	3.08	2.93	4.00

Measurements in inches

CLUTCH MODEL	BRACKET MODEL	J	K	L	M	N	P
G-300	581	103.1	70.6	n/a	78.2	74.4	101.6

Measurements in Millimeters



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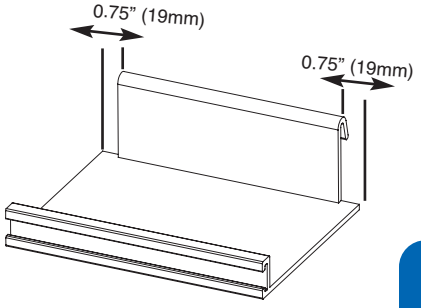
R16 on 1 1/2" (38mm) Tube

The following deduction charts are predicated on exact I.D. dimensions. For O.D. installations, use finished measurements. (W) = width of window opening, (H) = height of window opening.

Part	Deduction
Tube [with end plates]	W minus 1 3/8" (35mm)
Tube [without end plates]	W minus 1 3/16" (30mm)
Fabric	same as tube
Internal hem bar	same as tube
Ceiling pocket [with end plates]	W minus 3/16" (4,8mm)
Ceiling pocket [without end plates]	W
Bottom closure [with end plates]	W minus 5/8" (15,9mm)
Bottom closure [without end plates]	W minus 1/2" (13mm)
Blackout Deductions	
Back side channel [front & back required]	H minus 4 3/16" (106mm)
Front side channel [front & back required]	H minus 4" (102mm)
Bottom channel, outside	W
Bottom channel, inside	W minus 2" (50mm)
Fabric	W minus 2 1/2" (63mm)
Internal Hembar	W minus 3 1/2" (90mm)

*** Above Blackout numbers are true for all blackout shades with all clutches excluding R-24.

*NOTE Bottom closure must be notched 3/4" (19mm) on the back lip on both sides pin end and clutch end to fit past the brackets, this allows the bottom closure to give more light blocking capability.



Bottom Closure Notching

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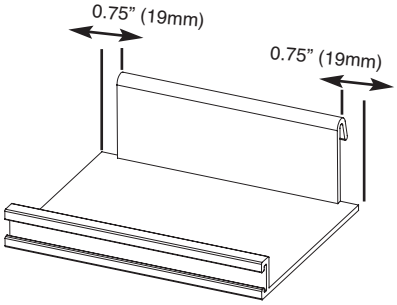
R16 on 2" (50mm) tube (with adapter)

The following deduction charts are predicated on exact I.D. dimensions. For O.D. installations, use finished measurements. (W) = width of window opening, (H) = height of window opening.

Part	Deduction
Tube [with end plates]	W minus 1 1/2" (38mm)
Tube [without end plates]	W minus 1 5/16" (33.3mm)
Fabric	same as tube
Internal hembar	same as tube
Ceiling pocket [with end plates]	W minus 3/16" (4,8mm)
Ceiling pocket [without end plates]	W
Bottom closure [with end plates]	W minus 5/8" (15,9mm)
Bottom closure [without end plates]	W minus 1/2" (13mm)
Blackout Deductions	
Back side channel [front & back required]	H minus 4 3/16" (106mm)
Front side channel [front & back required]	H minus 4" (102mm)
Bottom channel, outside	W
Bottom channel, inside	W minus 2" (50mm)
Fabric	W minus 2 1/2" (63mm)
Internal Hembar	W minus 3 1/2" (90mm)

*** Above Blackout numbers are true for all blackout shades with all clutches excluding R-24.

*NOTE Bottom closure must be notched 3/4" (19mm) on the back lip on both sides pin end and clutch end to fit past the brackets, this allows the bottom closure to give more light blocking capability.



Bottom Closure Notching

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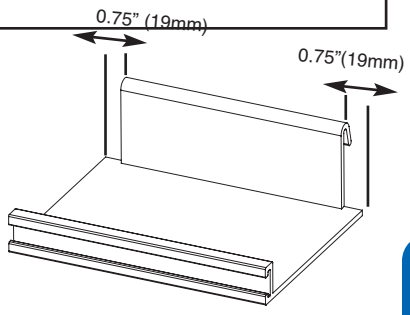
G200 on 1 1/2" (38mm) Tube

The following deduction charts are predicated on exact I.D. dimensions. For O.D. installations, use finished measurements. (W) = width of window opening, (H) = height of window opening.

Part	Deduction
Tube [with end plates]	W minus 1 1/2" (38mm)
Tube [without end plates]	W minus 1 5/16" (33,3mm)
Fabric	same as tube
Internal Hembar	same as tube
Ceiling pocket [with end plates]	W minus 3/16" 4,8mm)
Ceiling pocket [without end plates]	W
Bottom closure [with end plates]	W minus 3/4" (19mm)
Bottom closure [without end plates]	W minus 9/16" (14,3mm)
Blackout Deductions	
Back side channel [front & back required]	H minus 4 3/16" (106mm)
Front side channel [front & back required]	H minus 4" (102mm)
Bottom channel, outside	W
Bottom channel, inside	W minus 2" (50mm)
Fabric	W minus 2 1/2" (63mm)
Internal Hembar	W minus 3 1/2" (90mm)

*** Above Blackout numbers are true for all blackout shades with all clutches excluding R-24's.

*NOTE Bottom closure must be notched 3/4" (19mm) on the back lip on both sides pin end and clutch end to fit past the brackets, this allows the bottom closure to give more light blocking capability.



Bottom Closure Notching

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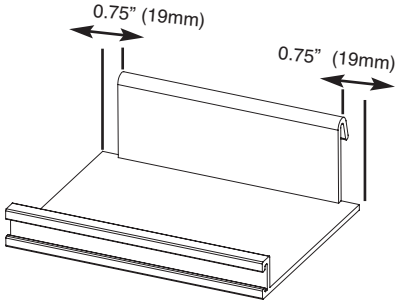
G200 on 2" (50mm) tube (with adapter)

The following deduction charts are predicated on exact I.D. dimensions. For O.D. installations, use finished measurements. (W) = width of window opening, (H) = height of window opening.

Part	Deduction
Tube [with end plates]	W minus 1 5/8" (41,3mm)
Tube [without end plates]	W minus 1 7/16" (36,5mm)
Fabric	same as tube
Internal hembar	same as tube
Ceiling pocket [with end plates]	W minus 3/16" (4,8mm)
Ceiling pocket [without end plates]	W
Bottom closure [with end plates]	W minus 3/4" (19mm)
Bottom closure [without end plates]	W minus 9/16" (14,3mm)
Blackout Deductions	
Back side channel [front & back required]	H minus 4 3/16" (106mm)
Front side channel [front & back required]	H minus 4" (102mm)
Bottom channel, outside	W
Bottom channel, inside	W minus 2" (50mm)
Fabric	W minus 2 1/2" (63mm)
Internal Hembar	W minus 3 1/2" (90mm)

*** Above Blackout numbers are true for all blackout shades with all clutches excluding R-24's..

*NOTE Bottom closure must be notched 3/4" (19mm) on the back lip on both sides pin end and clutch end to fit past the brackets, this allows the bottom closure to give more light blocking capability.



Bottom Closure Notching

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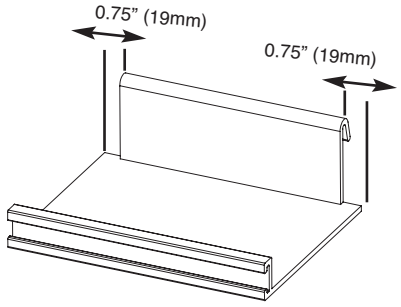
R24 on 1 1/2" (38mm) Tube

The following deduction charts are predicated on exact I.D. dimensions. For O.D. installations, use finished measurements. (W) = width of window opening, (H) = height of window opening.

Part	Deduction
Tube [with end plates]	W minus 1 3/8" (35mm)
Tube [without end plates]	W minus 1 3/16" (30mm)
Fabric	same as tube
Internal hembar	same as tube
Ceiling pocket [with end plates]	W minus 3/16" (4,8mm)
Ceiling pocket [without end plates]	W
Bottom closure [with end plates]	W minus 3/4" (19mm)
Bottom closure [without end plates]	W minus 9/16" (14,3mm)
**** NO SIDE OR BOTTOM CHANNELS****	

*NOTE Bottom closure must be notched 3/4" (19mm) on the back lip on both sides pin end and clutch end to fit past the brackets, this allows the bottom closure to give more light blocking capability.



Bottom Closure Notching

R24 on 2" (50mm) tube (with adapter)

The following deduction charts are predicated on exact I.D. dimensions. For O.D. installations, use finished measurements. (W) = width of window opening, (H) = height of window opening.

Part	Deduction
Tube [with end plates]	W minus 1 1/2" (38mm)
Tube [without end plates]	W minus 1 5/16" (33,3mm)
Fabric	same as tube
Internal hembar	same as tube
Ceiling pocket [with end plates]	W minus 3/16" (4,8mm)
Ceiling pocket [without end plates]	W
Bottom closure [with end plates]	W minus 3/4" (19mm)
Bottom closure [without end plates]	W minus 9/16" (14,3mm)
**** NO SIDE OR BOTTOM CHANNELS****	

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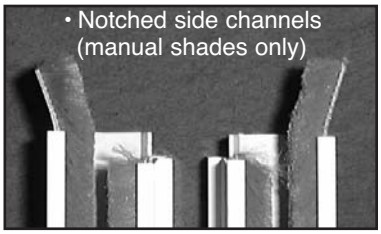
Black-out Assembly & Installation

See detailed roller shade fabrication and installation instructions in addition to these blackout instructions;

Steps 1-3 should be completed before going to the installation site.

Hembar must be internal and be no more than 3/16 inch (6,3mm) thick. (use RollEase hembar, part number SRBIHB).



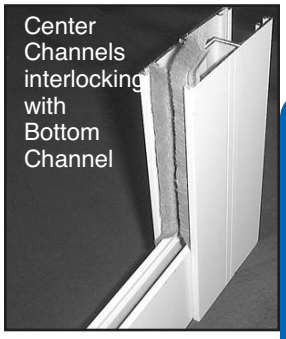
1. **Install light block:** When installing light blocking brush in side channels (notched* and sized) be sure to secure both top and bottom. A small amount of "Crazy Glue" goes a long way; you may also crimp the extrusion to secure the light blocking brush. The front channel should have 1/2 inch (13mm) of light block extending past the end of the channel and bent slightly back. This acts as a guide to keep the fabric from rubbing on the side channel and guides the fabric into the side channel track.
2. **Attach End Plates**: Attach the End Plates to the Ceiling or Recessed Pocket.
3. **Attach Brackets:** Rivet or screw the Manual or Motorized Brackets to Ceiling Pocket or Recessed Pocket. Be sure that the fastening will not interfere with the operation of the shade or components.

Side channel installed with pocket

Steps 4-9 are done at the installation site.

4. **Install the pocket into the desired location.**
5. **Install Side Channel Backs:** Install the back side of the side channels only. Back side channel should abut the pocket, flush with the end plate. Screw the back side channel directly into the window jam.

   For a single steel tube, multiple band, manual shade greater than 10 ft. (3m) in length, you can use our more rigid 1.5 inch (38mm) manual tube with spline groove (part number: SRCAT)
6. **Install the shade.**
7. **Check the fit of the pocket bottom closure.**
8. **Install Side Channel Fronts:** With the shade in the full up position, snap on the front face of the side channels.
9. **Install the bottom channel.** If desired a thin double face tape can be used on the bottom channel to secure the channel to the window sill. This will assure a light seal without damaging the sill. The bottom channel does not get light block inserted.



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