



Drapery Databook R-TEC Automation[®] Slim Drapery Motor

Our NEW Slim Drapery Motor

Designed to install seamlessly behind the drapery panel, providing the ultimate integrated functionality without compromising the look of your window treatment.



R-TEC Automation® is a convenient, comfortable, lifestyle solution that integrates smart technology solutions allowing you to conveniently control window treatments throughout the home.

The R-TEC Automation[®] Hub and App integration allow window treatments to be controlled directly from a smartphone or integrated device while at home or away. As an alternative, remotes and wall switches allow for individual, group and all control for a customized solution with 1, 5 or 15 channel options.

R-TEC Slim Drapery Motor General Info, Features & Specs » 4-5

Motorized 1 $^{3}/_{8}$ " Metal Traverse »

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R-TEC Automation[®]

Heavy Duty Traverse »

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R-TEC Smart Controls » 22-23



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General Info



RTEC AUTOMATION®

Applications —



Ripplefold



Pinch Pleat

Narrow Applications

Power Options -



Li-ion Battery

110v AC/DC Power Transformer 10' or 20'

R-TEC Smart Controls •





Handheld Remotes 1, 5 or 15 Channel

Surface Mount Wall Switch 5 Channel



Wi-Fi to ARC Bridge

Hub, 2-Way RF



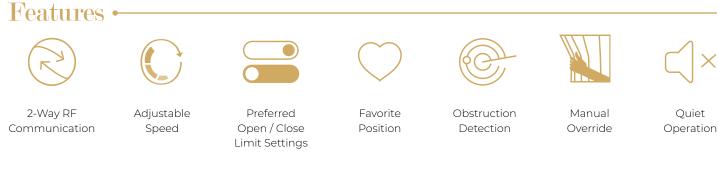
Interior Sun Sensor



The Hub and R-TEC Automation[®] App integration allow window treatments to be controlled directly from a smartphone or integrated device while at home or away. Available on the Apple® App Store or Google Play™.



This document presents the technical information for our R-TEC Automation® Slim Drapery Motor and related R-TEC Smart Controls. It provides detailed information to facilitate the specification of this motor solution and presents information regarding options for designer applications such as our Metal Traverse. Visit RowleyCompany.com for more information on the entire R-TEC Automation® product line of Motors, Power Sources, R-TEC Smart Controls and more.



Motor Specs -

Item #	Voltage	Torque	Max. Run Time	Amps	Open / Close speed	Sound Level
RTMLDSS50	24 V DC	1.2 Nm	6 min.	1.3 A	5.5" (14 cm)/sec	44 dB

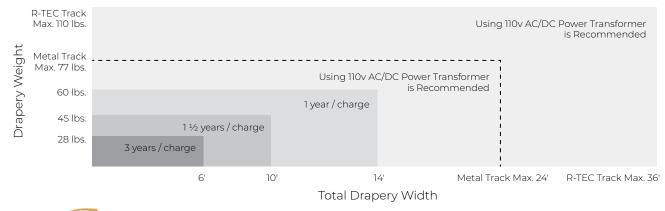
Motor Performance On Tracks •

System	Max. Track Length	Max. Drapery Weight		
R-TEC Automation® Track	19' Continuous; 36' Spliced	110 lbs.		
Motorized 1 $^{3}/_{8}$ " Metal Traverse	12' Continuous*; 24' Spliced	77 lbs.		
*select finishes				

Battery Life Per Charge -

Battery life and lifespan will vary depending upon the size and weight of your window covering and how often you use it. Our Li-ion batteries are estimated to power 500 up/down cycles per charge. In optimal usage conditions (one up/down cycle per day), the battery charge should last between 12-18 months.

Note: Applying silicone spray may increase battery life per charge by as much as 50%.







Optional: Solar Panel Battery Charger



Wall Box Mount Switch 15 Channel



ARC USB Signal Repeater & Charger



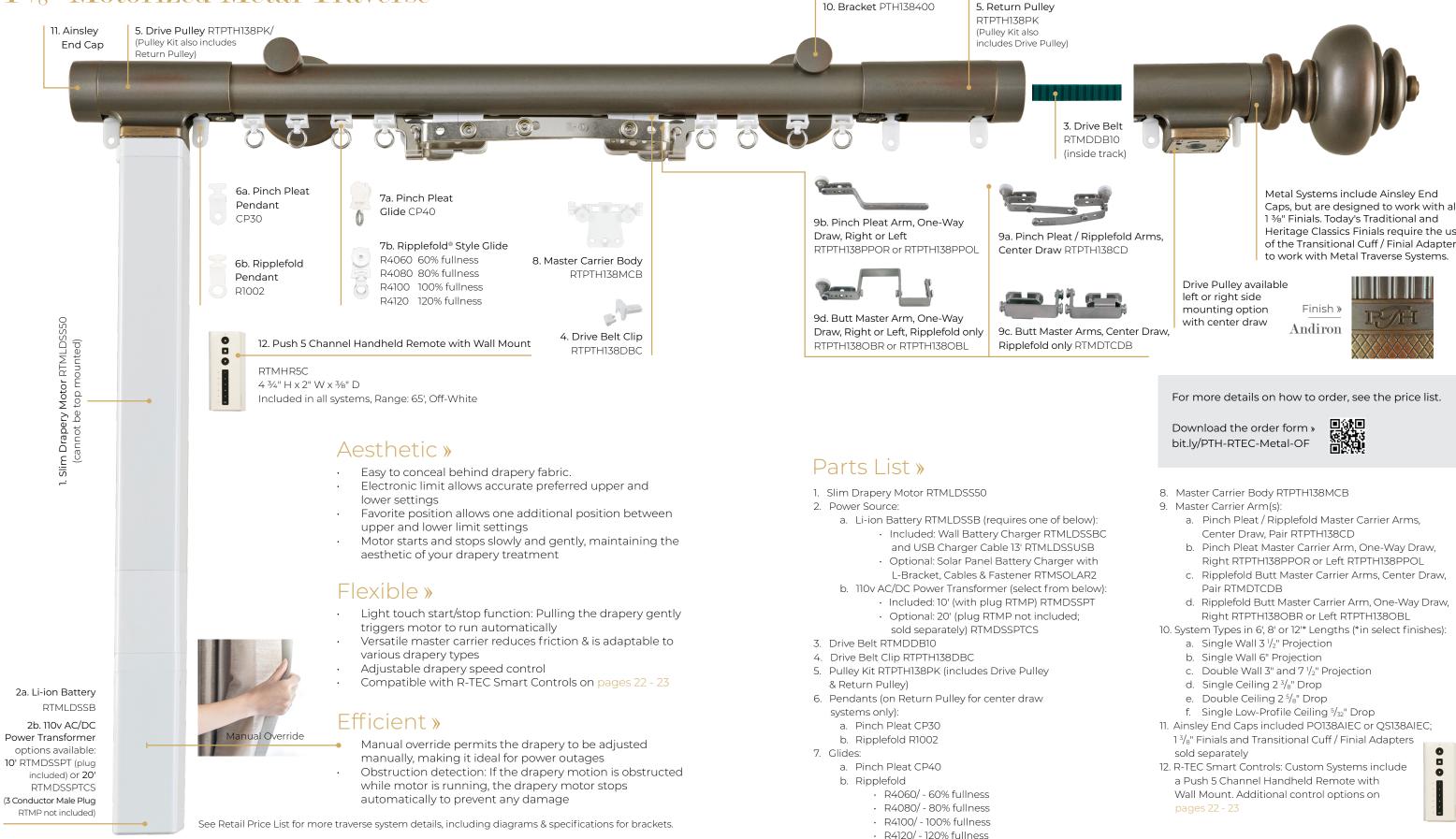








1³/₈" Motorized Metal Traverse



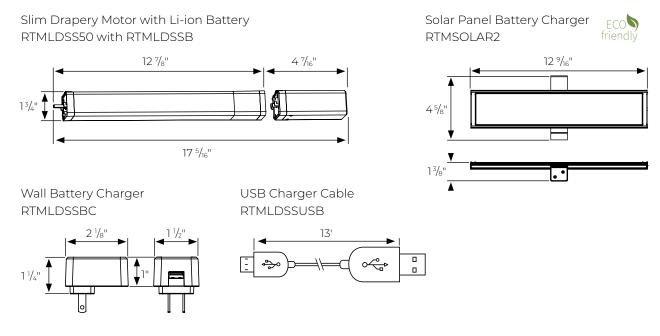
R-TEC Traverse Systems: 1 ³/₈" Metal

Caps, but are designed to work with all Heritage Classics Finials require the use of the Transitional Cuff / Finial Adapter

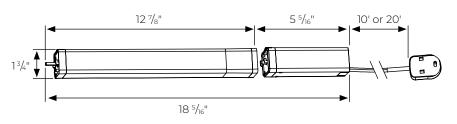


1³/₈" Motorized Metal Traverse Product Specs

Slim Drapery Motor & Power Option Dimensions

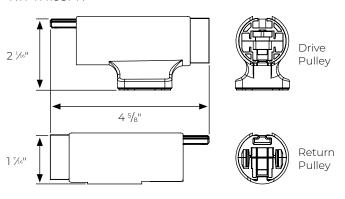


Slim Drapery Motor with 110v AC/DC Power Transformer RTMLDSS50 with RTMDSSPT 10' (plug RTMP included) or RTMLDSS50 with RTMDSSPTCS 20' (plug RTMP not included)



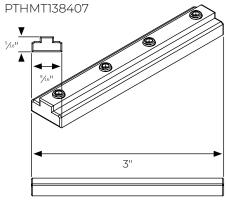
Pulley Kit Dimensions

Pulley Kit RTPTH138PK



Splice Dimensions

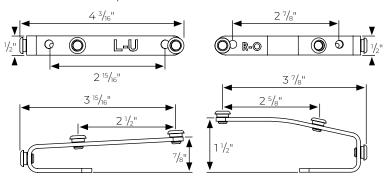
Splice



Master Carrier Arm Dimensions

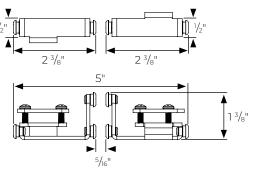
Pinch Pleat / Ripplefold Master Carrier Arms, Center Draw RTPTH138CD

Quantity: 1 Overlap Arm & 1 Straight Arm per drapery track. Sold as a pair.



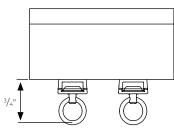
Ripplefold Butt Master Carrier Arms, Center Draw RTMDTCDB

Quantity: 2 per drapery track. Sold as a pair.

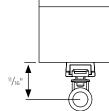


Glide Dimensions

Pinch Pleat Glide CP40 Quantity: 3 glides per foot.

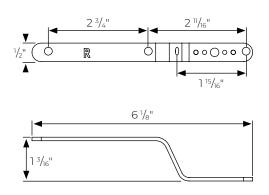


Ripplefold Glide Quantity: Depends on the desired fullness. R4120/ - 120% fullness - 1 7/8" spacing: 7 glides per foot. R4100/ - 100% fullness - 2 ¼" spacing: 6 glides per foot. R4080/- 80% fullness - 2 3/8" spacing: 5 glides per foot. R4060/- 60% fullness - 2 5/8" spacing: 4 glides per foot.

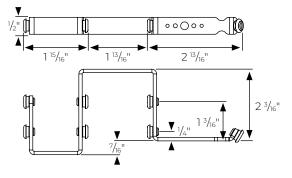


R-TEC Traverse Systems: 1³/₈" Metal

Pinch Pleat Master Carrier Arm, One-Way Draw Right - RTPTH138PPOR or Left - RTPTH138PPOL Quantity: 1 per drapery track.

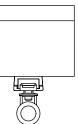


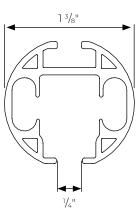
Ripplefold Butt Master Carrier Arm, One-Way Draw Right - RTPTH138OBR or Left - RTPTH138OBL Quantity: 1 per drapery track.



Track Dimensions

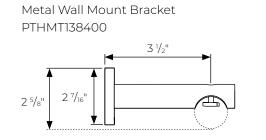
Motorized 1³/8" Metal Track





1³/₈" Motorized Metal Traverse Product Specs

Wall Bracket Dimensions



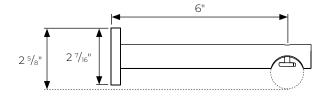
Metal Double Wall Mount Bracket

PTHMT138402

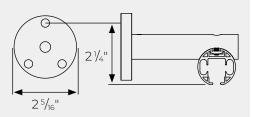
27/1

2 5/8

Metal Wall Mount Bracket PTHMT138401



Metal Wall Mount Bracket Mounting Plate

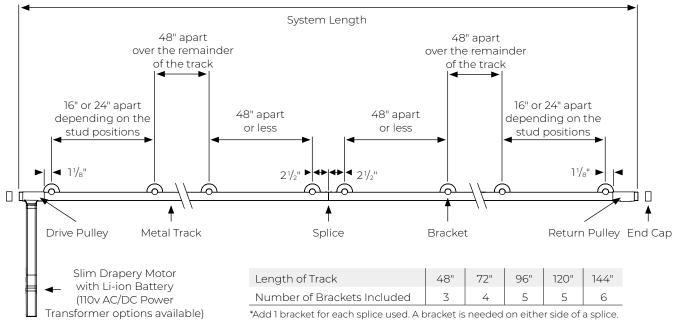




1³/₈" Motorized Metal Traverse Installation

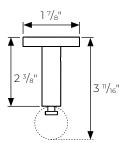
Bracket Mounting Recommendations

It's recommended to use I bracket beside each pulley and an adjacent bracket no more than 24" away. On the remaining part of the Metal Track, bracket-to-bracket distances should be no more than 48". Also, 1 bracket should be placed on each side of a splice if used.



Ceiling Bracket Dimensions





Metal Ceiling Bracket Extender PTHMT138405

 $7^{1/2}$

Metal Double Ceiling Bracket

2 11/16"

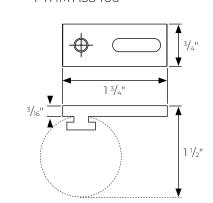


17/s

 $4^{1/2}$

Metal Low Profile Ceiling Bracket PTHMT138406

RTEC AUTOMATION®



R-TEC Traverse Systems: 1 ³/₈" Metal

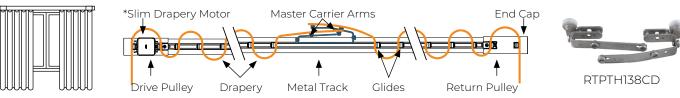
Installation Instructions >bit.ly/PTH-RTEC-Metal-Install Installation Instructions »



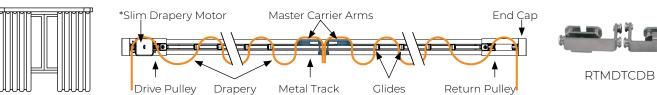


1^{3} /₈" Motorized Metal Traverse Configurations

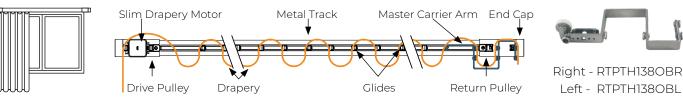
Ripplefold Center Draw



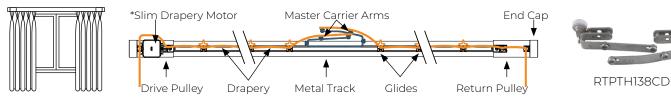
Ripplefold Butt Master Center Draw



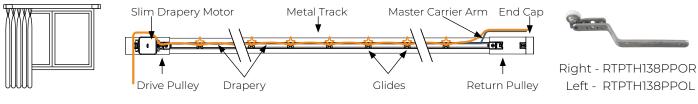
Ripplefold Butt Master One-Way Draw



Pinch Pleat Center Draw



Pinch Pleat One-Way Draw



*Motor can be mounted on either end of track for Center Draw Draperies.

RIEC AUTOMATION®

1³/₈" Motorized Metal Traverse Finishes

Portfolio Custom Hand Painted Finishes







Patina PAT

Linen LIN





Blush BLU



PAR

IL MARI

Starlet ST

RH



Tava 1∆



Firelight FL Shimmer SH







Art Bronze AB

Spicewood SPW

Mystic MYS



Halo HA

PM Barnwood BW Spun Gold SPG

Ouick Ship Metal Finishes





up to 8' continuous

up to 12' continuous up to 8' continuous

Quick Ship Wood & Resin Finishes See page 21

R-TEC Traverse Systems: 1 ³/₈" Metal



Truffle TRU





Antique Gold Leaf AGL



Silver Maple SM



Mink MK



White WH



Brushed Bronze BZ up to 8' continuous



Bronzed Pewter BP



Couture COU



Gossamer GOS



Andiron AND



Moonlight ML



Charcoal Zinc CZ up to 8' continuous

ships in 10 - 15 business days



172/AH $\langle \langle \langle \rangle \rangle \langle \langle \rangle \rangle \langle \rangle \rangle \langle \langle \rangle \rangle \langle \rangle \rangle \langle \langle \rangle \rangle \langle \rangle \rangle \langle \rangle \rangle \langle \langle \rangle \rangle \langle \rangle \langle \rangle \langle \rangle \rangle \langle \rangle \langle \rangle \langle \rangle \rangle \langle \rangle \rangle \langle \rangle \rangle \langle \rangle \langle \rangle \rangle \langle \rangle \langle \rangle \rangle \langle \rangle \langle \rangle \langle \rangle \langle \rangle \rangle \langle \rangle \langle \rangle \langle \rangle \langle \rangle \rangle \langle \rangle \langle \rangle \rangle \langle \rangle \langle \rangle \langle \rangle \langle \rangle \langle \rangle \rangle \langle \rangle \langle \rangle \langle \rangle \langle \rangle \rangle \langle \rangle \rangle \langle \rangle \langle$





Antique Gold AG



Dark Chocolate DC



Titanium TTM





Matte Black MK up to 12' continuous

PTH Perfect MatchTM » thousands of Benjamin Moore[®] colors, see page 54 of the catalog.

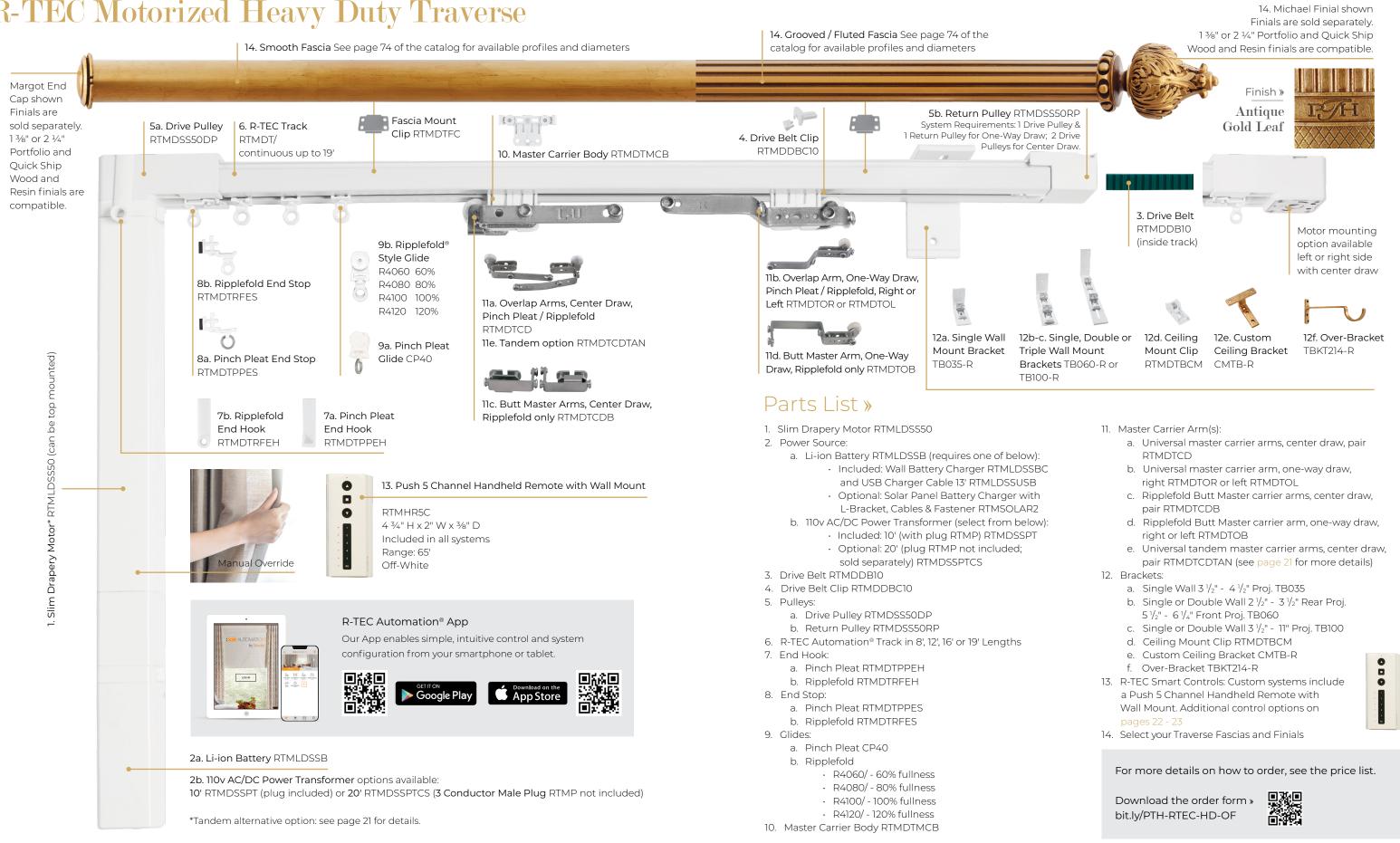




RTEC AUTOMATION*



R-TEC Motorized Heavy Duty Traverse



R-TEC Traverse Systems: 1 ³/₈" - 2 ¹/₄"

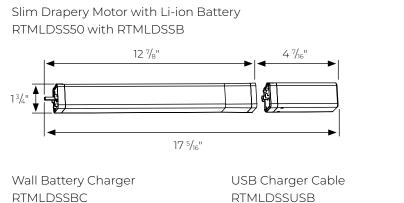


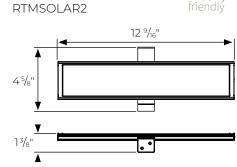
FCO

RIEC AUTOMATION®

R-TEC Motorized Heavy Duty Traverse Product Specs

Slim Drapery Motor & Power Option Dimensions

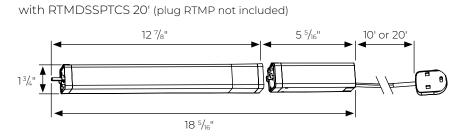




Solar Panel Battery Charger

Track Dimensions

R-TEC Automation[®] Track



RTMLDSS50 with RTMDSSPT 10' (plug RTMP included) or RTMLDSS50

♣∽

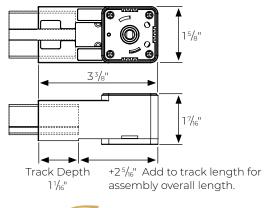
Pulley Dimensions

Drive Pulley

RTMDSS50DP

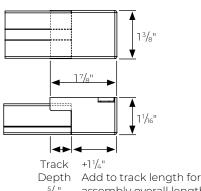
Quantity: 1 Drive Pulley & 1 Return Pulley for One-Way Draw; 2 Drive Pulleys for Center Draw.

Slim Drapery Motor with 110v AC/DC Power Transformer



16 PARIS TEXAS HARDWARE 1 ⁵/16" 1/4"

Return Pulley RTMDSS50RP Quantity: 1 Drive Pulley & 1 Return Pulley for One-Way Draw.

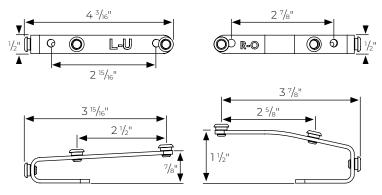


assembly overall length. 5/8"



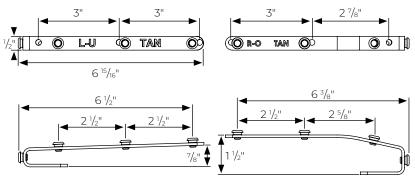
Universal Master Carrier Arms, Center Draw RTMDTCD

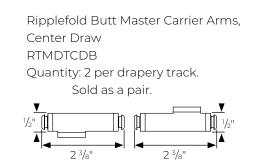
Quantity: 1 Overlap Arm & 1 Straight Arm per drapery track. Sold as a pair.

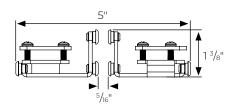


Universal Tandem Master Carrier Arms, Center Draw (see page 21 for details) RTMDTCDTAN

Quantity: 1 Overlap Arm & 1 Straight Arm per tandem system. Sold as a pair.

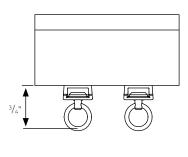






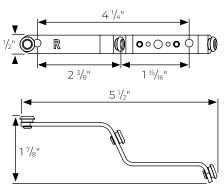


CP40

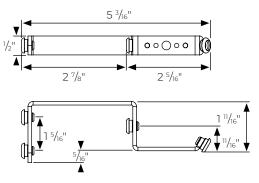


R-TEC Traverse Systems: $1\frac{3}{8}$ - $2\frac{1}{4}$

Universal Master Carrier Arm, One-Way Draw Right - RTMDTOR or Left - RTMDTOL Quantity: 1 per drapery track.



Ripplefold Butt Master Carrier Arm, One-Way Draw, Right or Left - RTMDTOB Quantity: 1 per drapery track.



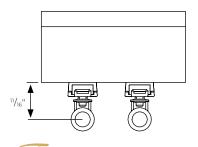
Glide Dimensions

Pinch Pleat Glide

Quantity: 3 glides per foot.

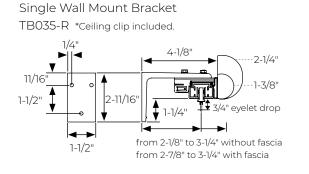
Ripplefold Glide

Quantity: Depends on the desired fullness. R4120/ - 120% fullness - 1 7/8" spacing: 7 glides per foot. R4100/ - 100% fullness - 2 1/8" spacing: 6 glides per foot. R4080/- 80% fullness - 2 3/8" spacing: 5 glides per foot. R4060/- 60% fullness - 2 5/8" spacing: 4 glides per foot.

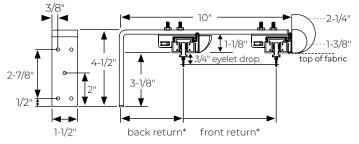


R-TEC Motorized HD Traverse Product Specs

Wall Bracket Dimensions



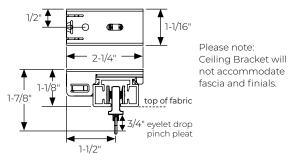
Single or Double Wall Mount Bracket TB100-R *Ceiling clips included.



* from 2-7/16" to 6-7/16" back return; 9" front return without fascia * from 2-7/16" to 5-3/4" back return; 9" front return with fascia

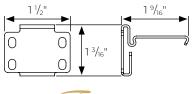
Ceiling Bracket Dimensions

Ceiling Mount Clip for R-TEC Automation® Track RTMDTBCM

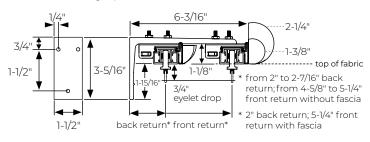


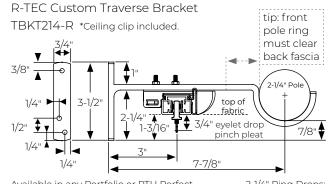
Fascia Clip Dimensions

Fascia Mount Clip for R-TEC Automation® Track RTMDTFC



Single or Double Wall Mount Bracket TB060-R *Ceiling clips included.





Available in any Portfolio or PTH Perfect Match™ painted finish, or our 5 Quick Ship Wood & Resin finishes.

2-1/4" Ring Drops: Forrest Ring 3/4" Wood Ring 7/8" Metal Ring 1/2'

Available in any Portfolio or PTH

Perfect Match™ painted finish,

When ordering, specify:

front of fascia.

than 2 3⁄4"

A. Fascia diameter and profile.

B. Projection to carrier and/or to

C. Drop from ceiling to carrier eyelet

D. Width of mounting plate if longer

fascia (tip: finial must clear ceiling).

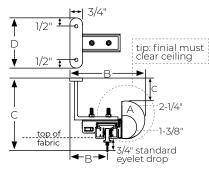
and/or from ceiling to top of

finishes.

or our 5 Quick Ship Wood & Resin

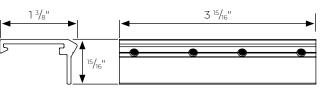
R-TEC Custom Traverse Ceiling Bracket





Splice Dimensions

Track Splice for R-TEC Automation® Track RTMDTS

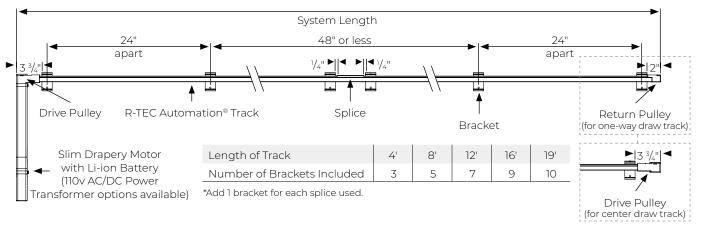


RIEC AUTOMATION®

R-TEC Motorized Heavy Duty Traverse Installation

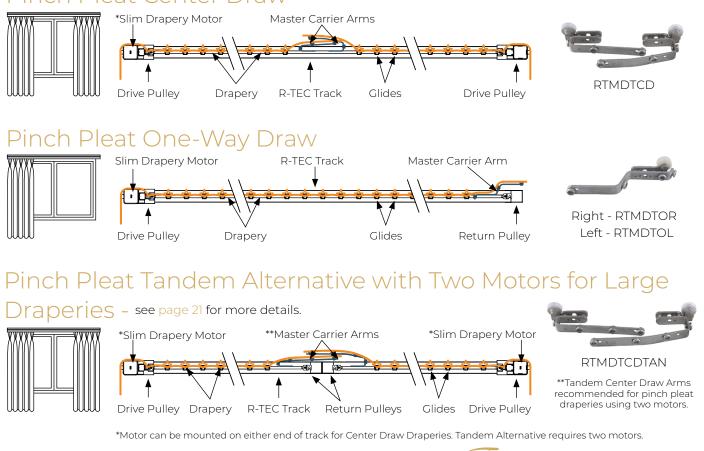
Bracket Mounting Recommendations

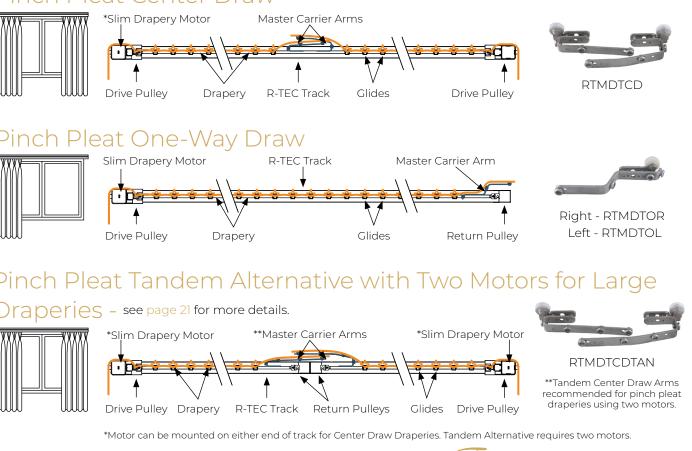
It's recommended to use I bracket beside each pulley. On the remaining part of the R-TEC Automation® Track, bracket-to-bracket distances should be no more than 24". Also, 1 bracket should be placed on each side of a splice if used.

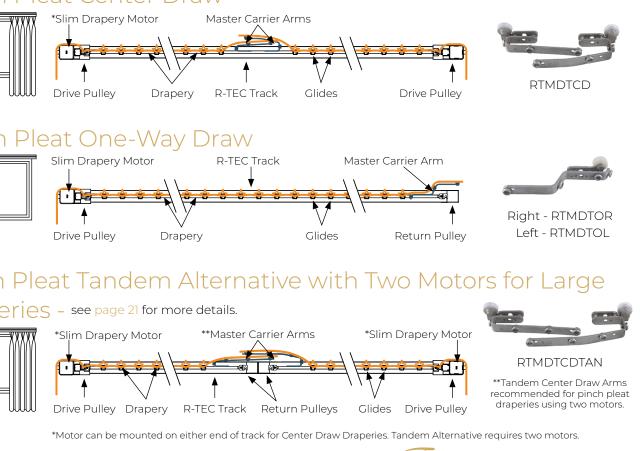


R-TEC Motorized Heavy Duty Configurations

Pinch Pleat Center Draw







R-TEC Traverse Systems: $1^{3}/8" - 2^{1}/4"$

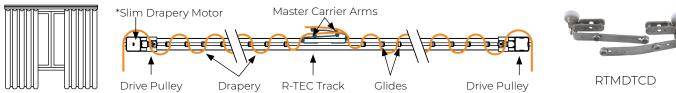
Installation Instructions » bit.ly/PTH-RTEC-HD-Install



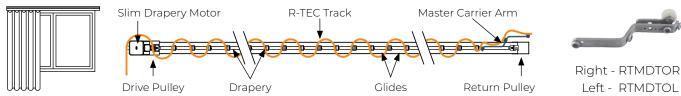
Draw Arms.

R-TEC Motorized Heavy Duty Traverse Configurations

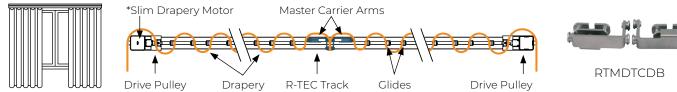
Ripplefold Center Draw



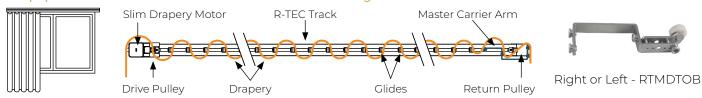
Ripplefold One-Way Draw



Ripplefold Butt Master Center Draw



Ripplefold Butt Master One-Way Draw



Ripplefold Tandem alternative with Two Motors for Large

Draperies - see page 21 for more details. *Slim Drapery Motor *Slim Drapery Motor **Master Carrier Arms Right or Left - RTMDTOB 0-0-**Butt Master One-Way Draw Arms recommended for Ripplefold draperies using Drive Pulley Drapery R-TEC Track Return Pulleys Glides Drive Pulley two motors; also available with Butt Master Center

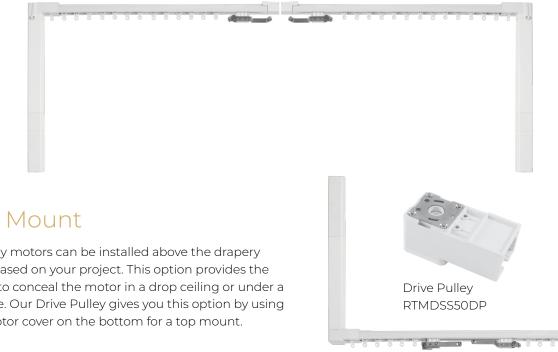
*Motor can be mounted on either end of track for Center Draw Draperies. Tandem Alternative requires two motors.

RIEC AUTOMATION®

R-TEC Motorized Heavy Duty Traverse Custom Options

Tandem Alternative

Tandem alternative ARCTM motorized systems utilize two drapery motors and are used for draperies that exceed the maximum single motor capacity, available in center draw only. Use Tandem Center Draw Overlap Arms RTMDTCDTAN (for pinch pleat or ripplefold draperies) or two Butt Master One-Way Draw Arms RTMDTOB (for ripplefold draperies only).



Top Mount

Drapery motors can be installed above the drapery track based on your project. This option provides the ability to conceal the motor in a drop ceiling or under a valence. Our Drive Pulley gives you this option by using the motor cover on the bottom for a top mount.

R-TEC Motorized Heavy Duty Traverse Finishes ships in 10 - 15 business days

Portfolio Custom Hand Painted Finishes See page 13

Ouick Ship Wood & Resin Finishes



PTH Perfect MatchTM » thousands of Benjamin Moore[®] colors, see page 54 of the catalog.

R-TEC Traverse Systems: 1³/₈" - 2¹/₄"

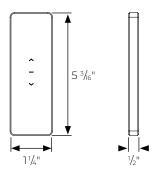




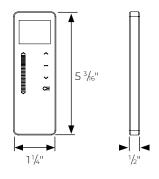
R-TEC Smart Controls

Handheld Remotes with Wall Mounts

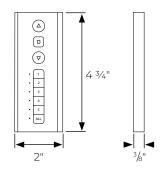
1 Channel Remote Range: 65' RTMHR1C



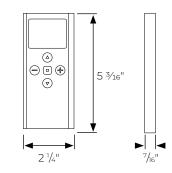




Push 5 Channel Remote Range: 65' RTMHR5C

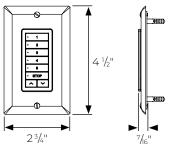


Push 15 Channel Remote Range: 65' RTMHRP15C or /K



Wall Switches

5 Channel Surface Mount Wall Switch Range: 65' RTMWSR5C



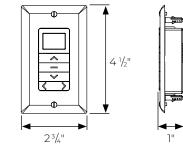
Signal Repeater

Extends the wireless range of the

R-TEC Hub and Remotes up to 60'

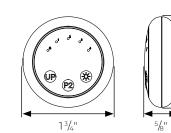
ARC USB Signal Repeater

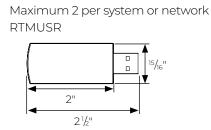
15 Channel Wall Box Mount Switch Range: 65' RTMWSR15C



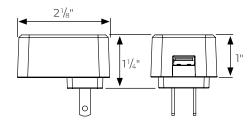
Sun Sensor

Interior Sun Sensor Range: 65' RTMISS





Wall Charger for USB Signal Repeater RTMLWCW

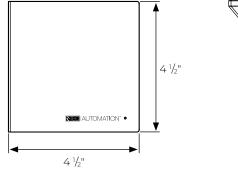


R-TEC Automation[®] Hub & App Capabilities

The R-TEC Automation[®] Hub and App integration allow window treatments to be controlled directly from a smartphone or integrated device while at home or away. Now available in the Apple® App Store or Google Play™, search for Rowley to find and download the new R-TEC Automation® App. As an alternative, remotes and wall switches allow for individual, group and all control for a customized solution with 1, 5 or 15 channel options.

R-TEC Hub with 2-Way RF | Range: 60' The R-TEC Hub provides the heartbeat of the R-TEC Automation[®] experience. With Wi-Fi built in, simply plug in where convenient and connect to the local network. RTMHUB2





RJ45 Socket 5 V DC / 1A Micro USB

Compatible Systems - not sold by Rowley

Apple HomeKit

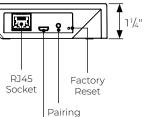
Simply set up the R-TEC Hub and App then instruct Siri to control your window treatments, with your voice, via a variety of Apple devices.







13/.



Button



Our R-TEC Automation® App enables simple, intuitive control and system configuration from your smartphone or tablet. Compatible with R-TEC Hub.



Google Home Gives you control via a simple voice command. Use your Google phone for on-the-go control.

IFTTT - If This Then That A free online tool that connects services to create new experiences, such as weather apps, offering the ability to detect sunrise for opening window treatments.



R-TEC Automation[®] is a convenient, comfortable, lifestyle solution that integrates smart technology solutions allowing you to conveniently control window treatments throughout the home.

The R-TEC Automation[®] Hub and App integration allow window treatments to be controlled directly from a smartphone or integrated device while at home or away. As an alternative, remotes and wall switches allow for individual, group and all control for a customized solution with 1, 5 or 15 channel options.

Customer Service Hours » Monday - Friday 8am - 6pm ET

PHONE: 866.985.3423 | FAX: 800.554.0407

EMAIL: RTECAutomation@RowleyCompany.com

R-TEC Automation[®] Drapery Hardware Systems ship within 10 - 15 business days.

