THE FINIAL COMPANY.



drapery databook R-TEC Automation[®] slim drapery motor

THE FINIAL COMPANY

RIEC AUTOMATION[®] by Rowley

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, 2, 5 or 15 channel options.

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slim drapery motor

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.

features















2-Way RF Communication

Adjustable Speed

Preferred Open / Close Limit Settings

Obstruction Detection

Manual Override

Quiet Operation

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

Favorite

Position

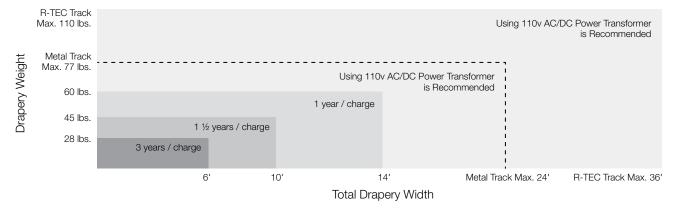
motor performance on tracks

System	Max. Track Length	Min. Track Length	Max. Drapery Weight			
R-TEC Automation® Traverse	19' Continuous; 36' Spliced	37"	110 lbs.			
1 ³ / ₈ " Motorized Metal Traverse	12' Continuous*; 24' Spliced	37"	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%.



RIEC AUTOMATION[®] by Rowley

applications



Pinch Pleat

Ripplefold



Narrow Applications

power options





Li-ion Battery

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



solar option

Solar Panel Battery Charger

R-TEC smart controls



Handheld Remotes 1, 5 or 15 Channel



Wi-Fi to ARC Bridge Hub, 2-way RF



Surface Mount Wall Switch 5 Channel



Interior Sun Sensor



Cut-In Wall Mount Switches 1, 2 or 15 Channel



ARC USB Signal Repeater & Charger

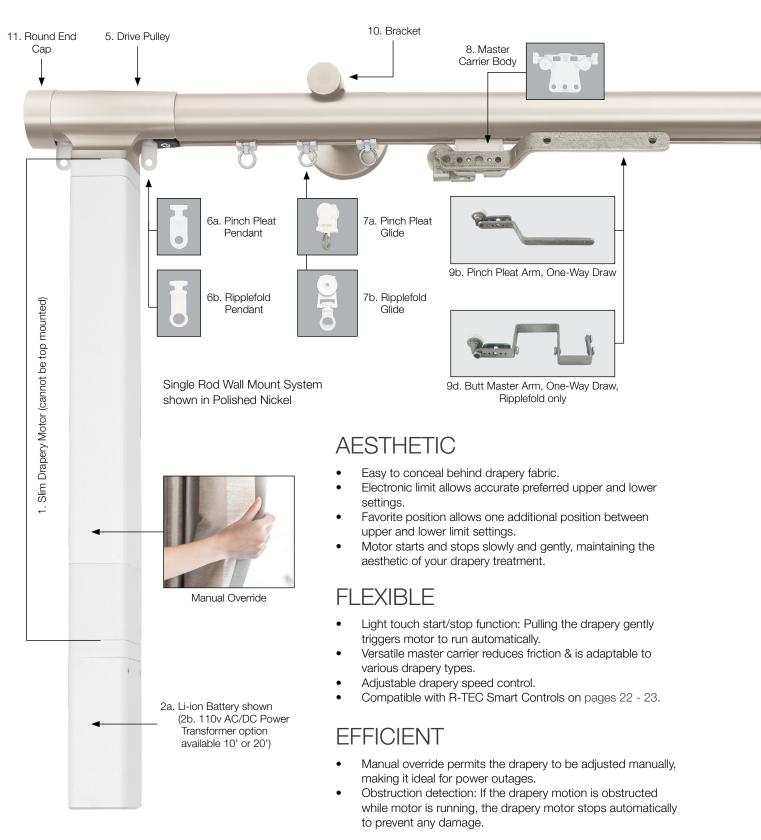


The Hub and R-TEC Automation[®] App integration allow window treatments to be controlled directly from a smartphone or integrated device while at home or away. Available on the Apple[®] App Store or Google Play[™].

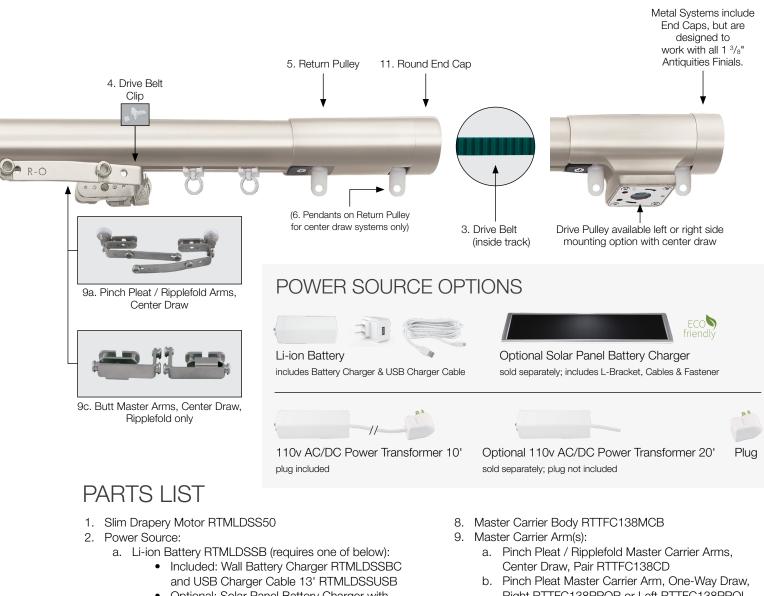




1 ³/₈" MOTORIZED METAL TRAVERSE



RIEC AUTOMATION[®] by Rowley



- Optional: Solar Panel Battery Charger with L-Bracket, Cables & Fastener RTMSOLAR2
- b. 110v AC/DC Power Transformer (select from below):
 - Included: 10' (with plug RTMP) RTMDSSPT
 - Optional: 20' (plug RTMP not included; sold separately) RTMDSSPTCS
- 3. Drive Belt RTMDDB10
- 4. Drive Belt Clip RTTFC138DBC
- 5. Pulley Kit RTTFC138PK/ (includes Drive Pulley & Return Pulley)
- 6. Pendants (on Return Pulley for center draw systems only): a. Pinch Pleat CP30
 - b. Ripplefold R1002
- 7. Glides:
 - a. Pinch Pleat CP40
 - b. Ripplefold
 - R4060/ 60% fullness
 - ٠ R4080/ - 80% fullness
 - R4100/ 100% fullness
 - R4120/ 120% fullness

- Right RTTFC138PPOR or Left RTTFC138PPOL
- c. Ripplefold Butt Master Carrier Arms, Center Draw, Pair RTMDTCDB
- d. Ripplefold Butt Master Carrier Arm, One-Way Draw, Right RTTFC138OBR or Left RTTFC138OBL
- 10. System Types in 6', 8' or 12'* Lengths (*in select finishes):
 - a. Single Wall 3 1/2" Projection
 - b. Single Wall 6" Projection
 - c. Double Wall 3" and 7 1/2" Projection
 - d. Single Ceiling 2 ³/₈" Drop
 - e. Double Ceiling 2 5/8" Drop
 - f. Single Low-Profile Ceiling ⁵/₃₂" Drop
- 11. Round End Caps included TFC138104/; 1 ³/₈" Antiquities Finials sold separately.
- 12. R-TEC Smart Controls: Custom Systems include a Push5 channel Handheld Remote or Wall Mount. Additional control options on pages 22 - 23.

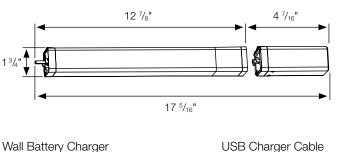
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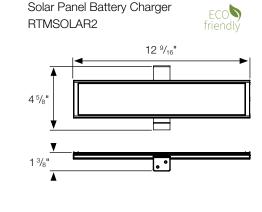
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1 ³/₈" MOTORIZED METAL PRODUCT SPECS

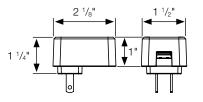
SLIM DRAPERY MOTOR & POWER OPTION DIMENSIONS

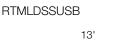
Slim Drapery Motor with Li-ion Battery RTMLDSS50 with RTMLDSSB

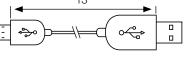




Wall Battery Charger RTMLDSSBC







Slim Drapery Motor with 110v AC/DC Power Transformer

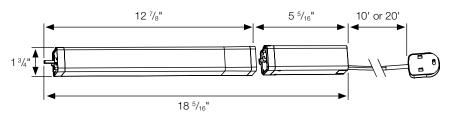
RTMLDSS50 with RTMDSSPT 10' (plug RTMP included) or RTMLDSS50 with RTMDSSPTCS 20' (plug RTMP not included)

Drive

Pulley

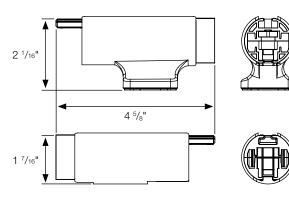
Return

Pulley



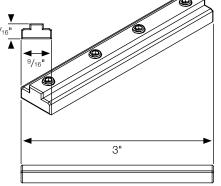
PULLEY KIT DIMENSIONS

Pulley Kit RTTFC138PK/



SPLICE DIMENSIONS

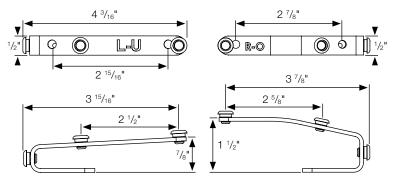




MASTER CARRIER ARM DIMENSIONS

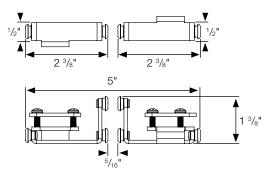
Pinch Pleat / Ripplefold Master Carrier Arms, Center Draw RTTFC138CD

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



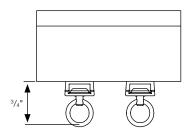
Ripplefold Butt Master Carrier Arms, Center Draw RTMDTCDB

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



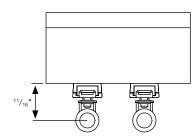
GLIDE DIMENSIONS

Pinch Pleat Glide CP40 Quantity: 3 glides per foot.

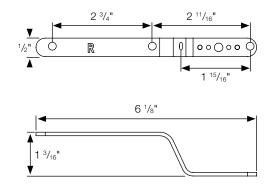


Ripplefold Glide

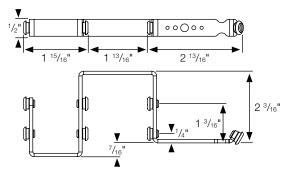
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Pinch Pleat Master Carrier Arm, One-Way Draw Right - RTTFC138PPOR or Left - RTTFC138PPOL Quantity: 1 per drapery track.

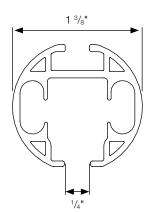


Ripplefold Butt Master Carrier Arm, One-Way Draw Right - RTTFC138OBR or Left - RTTFC138OBL Quantity: 1 per drapery track.



TRACK DIMENSIONS

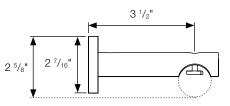
Automated 1 3/8" Metal Track



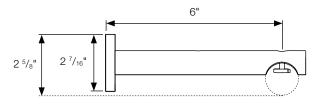
1 ³/₈" MOTORIZED METAL PRODUCT SPECS

WALL BRACKET DIMENSIONS

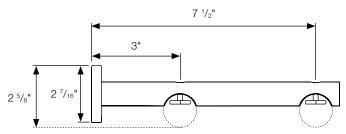
Metal Wall Mount Bracket TFCMT138400



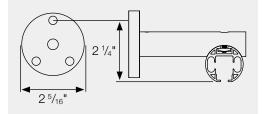
Metal Wall Mount Bracket TFCMT138401



Metal Double Wall Mount Bracket TFCMT138402

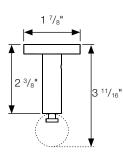


Metal Wall Mount Bracket Mounting Plate

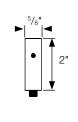


CEILING BRACKET DIMENSIONS

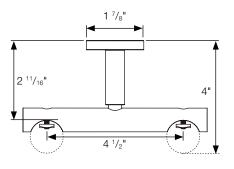
Metal Ceiling Bracket TFCMT138403



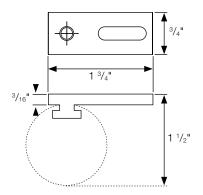
Metal Ceiling Bracket Extender TFCMT138405



Metal Double Ceiling Bracket TFCMT138404



Metal Low Profile Ceiling Bracket TFCMT138406

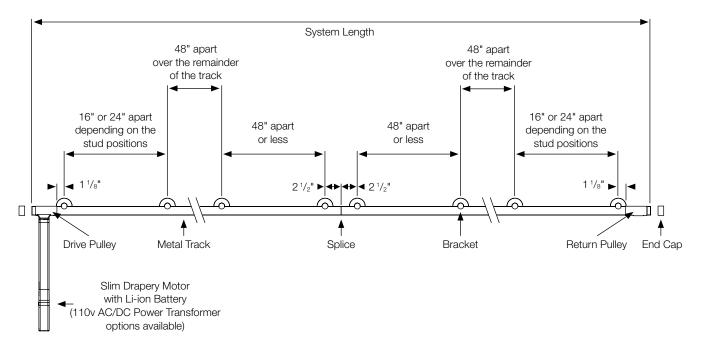


1 ³/₈" MOTORIZED METAL INSTALLATION

BRACKET MOUNTING RECOMMENDATIONS II Installation Instructions:



It's recommended to use 1 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.

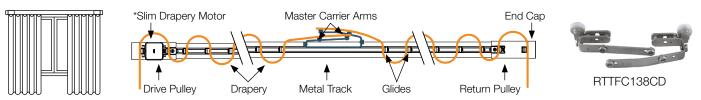


INSTALLATION:

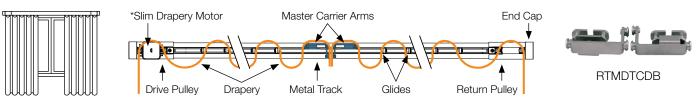
We recommend using a professional installer. Installation hardware is included. The fasteners (screws and mollies) may not be appropriate for every installation or wall material. Brackets and holdbacks should be installed securely into wall studs when possible. The Finial Company[™] will not assume responsibility for damages incurred by improperly mounted or inadequately supported hardware.

1³/₈" METAL TRAVERSE CONFIGURATIONS

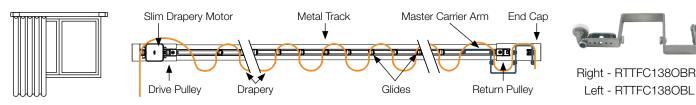
RIPPLEFOLD CENTER DRAW



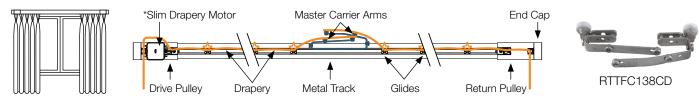
RIPPLEFOLD BUTT MASTER CENTER DRAW



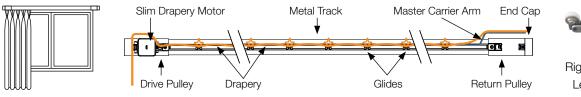
RIPPLEFOLD BUTT MASTER ONE-WAY DRAW



PINCH PLEAT CENTER DRAW



PINCH PLEAT ONE-WAY DRAW



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

1³/₈" METAL TRAVERSE FINISHES

1³/₈" MODERN METAL









BBN Brushed Black Nickel



MK Matte Black

CH Chrome

BN Brushed Nickel

- maximum continuous track length in CH and SG is 8', all other finishes available up to 12'
- center draw tracks can be spliced for longer lengths up to 24', see order form for details

1³/₈" METAL



PN Polished Nickel



AP Antique Pewter



AB Antique Brass



BZ Brushed Bronze



ORB Oil Rubbed Bronze



SK Satin Black

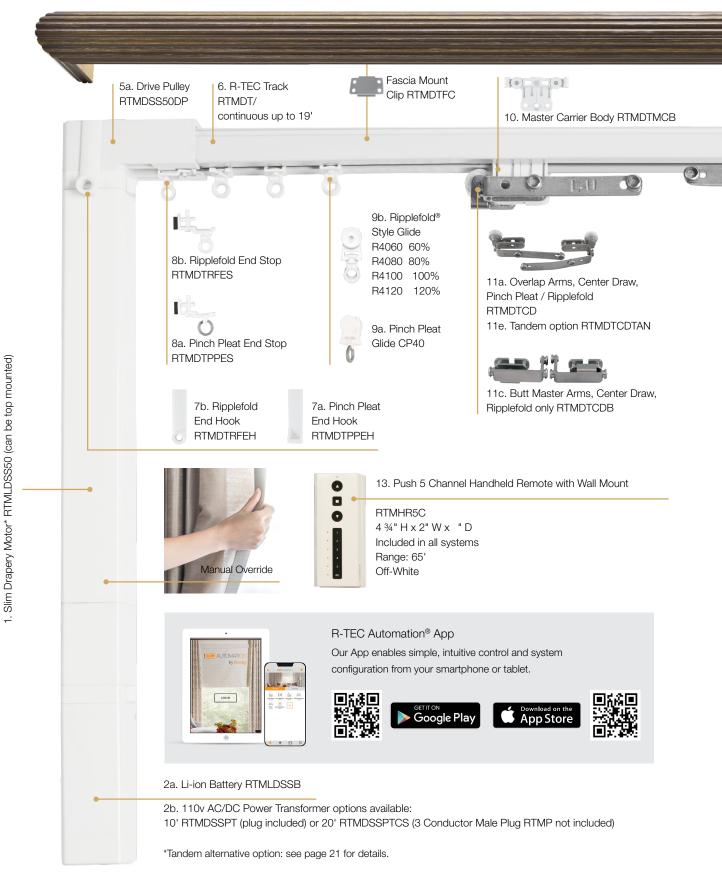


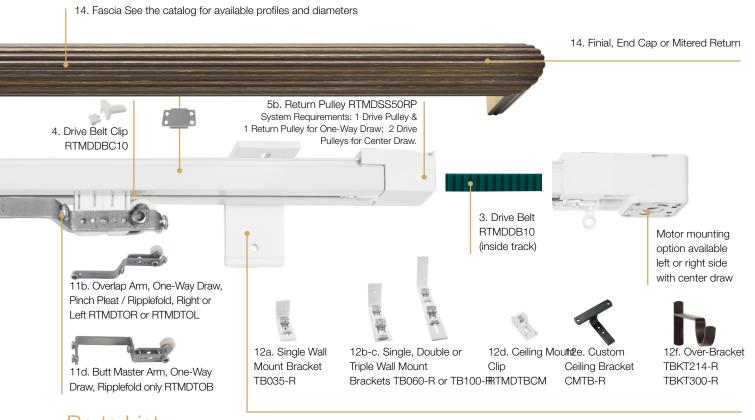
MK Matte Black coordinates with VZ & DRB finials



- maximum continuous track length in BZ and ORB is 8', all other finishes available up to 12'
- center draw tracks can be spliced for longer lengths up to 24', see order form for details
- Matte Black (MK) tracks and brackets coordinate with Venetian Bronze (VZ) and Dark Oil Rubbed Bronze • (DRB) finials

R-TEC MOTORIZED HEAVY DUTY TRAVERSE





Parts List »

- 1. Slim Drapery Motor RTMLDSS50
- 2. Power Source:
 - a. Li-ion Battery RTMLDSSB (requires one of below):
 - Included: Wall Battery Charger RTMLDSSBC and USB Charger Cable 13' RTMLDSSUSB
 - Optional: Solar Panel Battery Charger with
 - L-Bracket, Cables & Fastener RTMSOLAR2
 - b. 110v AC/DC Power Transformer (select from below):
 - Included: 10' (with plug RTMP) RTMDSSPT
 - Optional: 20' (plug RTMP not included;
 - sold separately) RTMDSSPTCS
- 3. Drive Belt RTMDDB10
- 4. Drive Belt Clip RTMDDBC10
- 5. Pulleys:
 - a. Drive Pulley RTMDSS50DP
 - b. Return Pulley RTMDSS50RP
- 6. R-TEC Automation® Track in 8', 12', 16' or 19' Lengths
- 7. End Hook:
 - a. Pinch Pleat RTMDTPPEH
 - b. Ripplefold RTMDTRFEH
- 8. End Stop:
 - a. Pinch Pleat RTMDTPPES
 - b. Ripplefold RTMDTRFES
- 9. Glides:
 - a. Pinch Pleat CP40
 - b. Ripplefold
 - R4060/ 60% fullness
 - R4080/ 80% fullness
 - R4100/ 100% fullness
 - R4120/ 120% fullness
- 10. Master Carrier Body RTMDTMCB

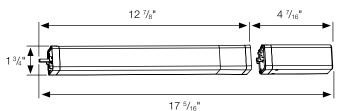
- 11. Master Carrier Arm(s):
 - a. Universal master carrier arms, center draw, pair RTMDTCD
 - b. Universal master carrier arm, one-way draw, right RTMDTOR or left RTMDTOL
 - c. Ripplefold Butt Master carrier arms, center draw, pair RTMDTCDB
 - d. Ripplefold Butt Master carrier arm, one-way draw, right or left RTMDTOB
 - e. Universal tandem master carrier arms, center draw, pair RTMDTCDTAN (see page 21 for more details)
- 12. Brackets:
 - a. Single Wall 3 1/2" 4 1/2" Proj. TB035
 - b. Single or Double Wall 2 $^{1}\!/_{2}"$ 3 $^{1}\!/_{2}"$ Rear Proj. 5 $^{1}\!/_{2}"$ 6 $^{1}\!/_{4}"$ Front Proj. TB060
 - c. Single or Double Wall 3 1/2" 11" Proj. TB100
 - d. Ceiling Mount Clip RTMDTBCM
 - e. Custom Ceiling Bracket CMTB-R
 - f. Over-Bracket TBKT214-R
- R-TEC Smart Controls: Custom systems include a Push 5 Channel Handheld Remote with Wall Mount. Additional control options pages 22 - 23
- 14. Select your Traverse Fascias and Finials

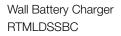


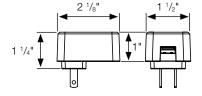
R-TEC MOTORIZED HD PRODUCT SPECS

SLIM DRAPERY MOTOR & POWER OPTION DIMENSIONS

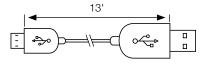
Slim Drapery Motor with Li-ion Battery RTMLDSS50 with RTMLDSSB



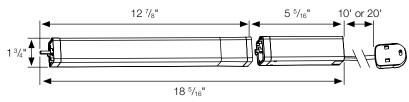




USB Charger Cable RTMLDSSUSB



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)



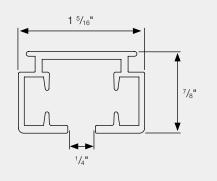
RTMSOLAR2 friendly

ECO

Solar Panel Battery Charger

TRACK DIMENSIONS

R-TEC Automation® Track



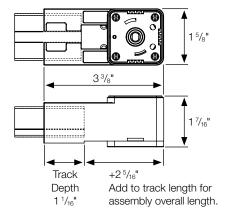
PULLEY DIMENSIONS

Drive Pulley

16

RTMDSS50DP

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

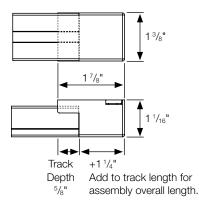


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Return Pulley

RTMDSS50RP

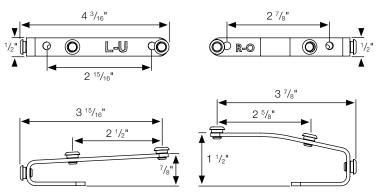
Quantity: 1 Drive Pulley & 1 Return Pulley for One-Way Draw.



MASTER CARRIER ARM DIMENSIONS

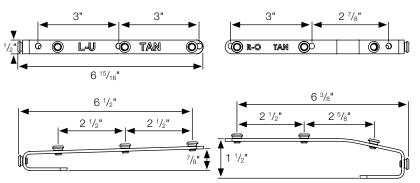
Universal Master Carrier Arms, Center Draw RTMDTCD

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

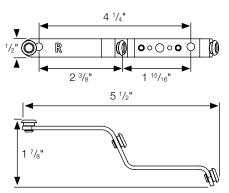


Universal Tandem Master Carrier Arms, Center Draw (see page 21 for details) RTMDTCDTAN

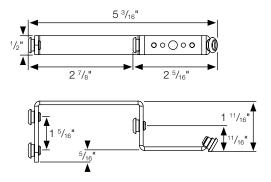
Quantity: 1 Overlap Arm & 1 Straight Arm per tandem system. Sold as a pair.



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



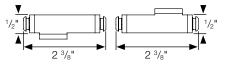
Ripplefold Butt Master Carrier Arm, One-Way Draw, Right or Left - RTMDTOB Quantity: 1 per drapery track.

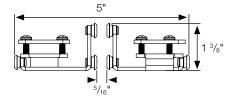


Ripplefold Butt Master Carrier Arms, Center Draw RTMDTCDB

Quantity: 2 per drapery track.

Sold as a pair.

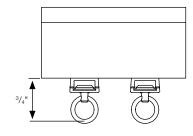




GLIDE DIMENSIONS

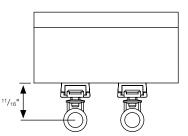
Pinch Pleat Glide CP40

Quantity: 3 glides per foot.



Ripplefold Glide

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

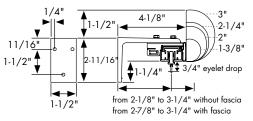


R-TEC MOTORIZED HD PRODUCT SPECS

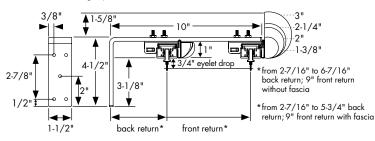
WALL BRACKET DIMENSIONS

Single Wall Mount Bracket

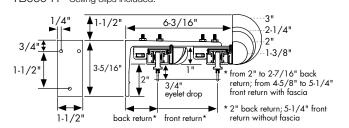
TB035-R *Ceiling clip included.



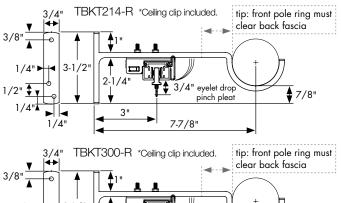
Single or Double Wall Mount Bracket TB100-R *Ceiling clips included.



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



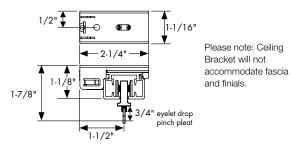
R-TEC Custom Traverse Brackets



1/4" + 3-1/2" 1/2" + 3-1/2" $2 \cdot 1/4" + 3/4" \text{ eyelet drop pinch pleat}$ 1/4" + 3" + 3/4" eyelet drop pinch pleat 1/4" + 3" + 3.3/4"

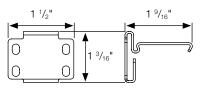
CEILING BRACKET DIMENSIONS

Ceiling Mount Clip for R-TEC Automation[®] Track RTMDTBCM

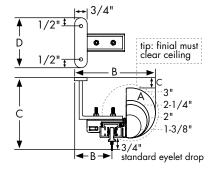


FASCIA CLIP DIMENSIONS

Fascia Mount Clip for R-TEC Automation[®] Track RTMDTFC



R-TEC Custom Traverse Ceiling Bracket CMTB-R



When ordering, specify:

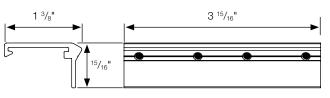
- A. Fascia diameter and profile.
- B. Projection to carrier and/or to
- front of fascia. C. Drop from ceiling to carrier eyelet

\$7/8"

- and/or from ceiling to top of fascia (tip: finial must clear ceiling).
- D. Width of mounting plate if longer
- than 2 ¾".

SPLICE DIMENSIONS

Track Splice for R-TEC Automation® Track RTMDTS

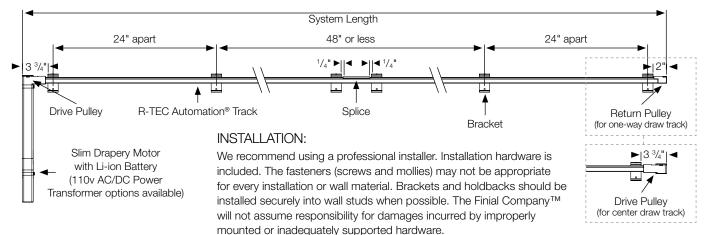


18 www.thefinialcompany.com

R-TEC MOTORIZED HD INSTALLATION BRACKET MOUNTING RECOMMENDATIONS II Installation Instructions:

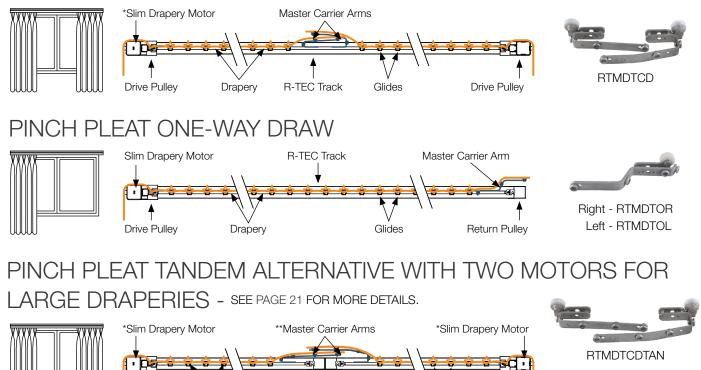


It's recommended to use 1 bracket beside each pulley. On the remaining part of the R-TEC Automation® Track, bracket-to-bracket distances should be no more than 24". Also, 1 bracket should be placed on each side of a splice if used.



R-TEC MOTORIZED HD CONFIGURATIONS

PINCH PI FAT CENTER DRAW



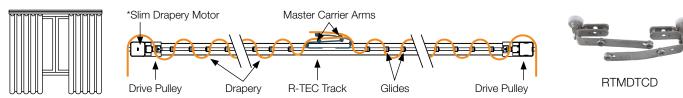
**Tandem Center Draw Arms recommended for pinch pleat draperies using two motors.



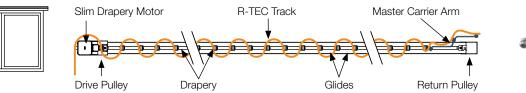
*Motor can be mounted on either end of track for Center Draw Draperies. Tandem Alternative requires two motors.

R-TEC TRACK CONFIGURATIONS

RIPPI FFOI D CENTER DRAW



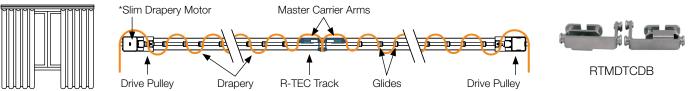
RIPPLEFOLD ONE-WAY DRAW



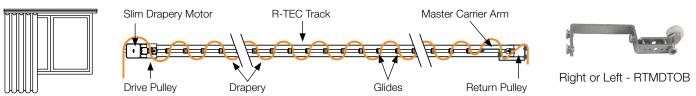


Right - RTMDTOR Left - RTMDTOL

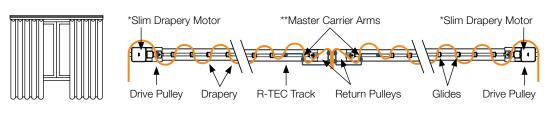
RIPPLEFOLD BUTT MASTER CENTER DRAW



EFOLD BUTT MASTER ONE-WAY DRAW RIPPI



RIPPLEFOLD TANDEM ALTERNATIVE WITH TWO MOTORS FOR LARGE DRAPERIES - SEE PAGE 21 FOR MORE DETAILS.





Right or Left - RTMDTOB **Butt Master One-Way Draw

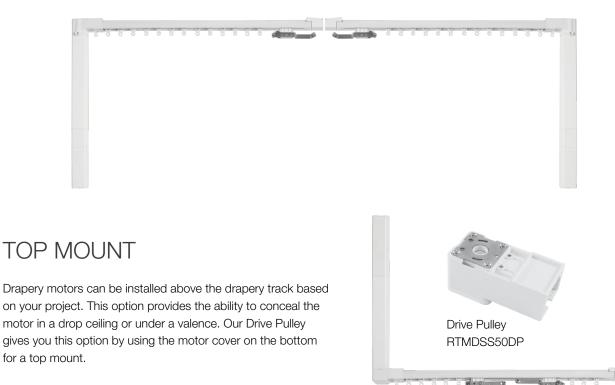
Arms recommended for Ripplefold draperies using two motors; also available with Butt Master Center Draw Arms.

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

R-TEC TRACK CUSTOM OPTIONS

TANDEM ALTERNATIVE

Tandem alternative ARC[™] 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).



R-TEC HEAVY DUTY FASCIA FINISHES

custom finishes

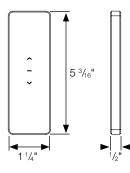
our R-TEC Automation[®] heavy duty traverse is available in any of our 50 beautifully hand painted standard finishes located on the back cover of the 2018 Drapery Hardware Catalog or your own custom finish; please see retail price list for standard and custom finish surcharges

RIEC AUTOMATION[®] by Rowley

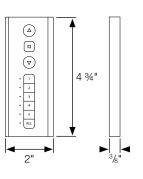
R-TEC SMART CONTROLS

HANDHELD REMOTES WITH WALL MOUNTS

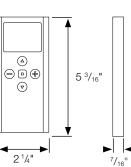
1 Channel Remote Range: 65' RTMHR1C



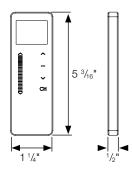
Push5 Channel Remote Range: 65' RTMHR5C



Push15 Channel Remote Range: 65' RTMHRP15C or /K

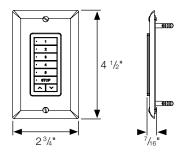


15 Channel Remote Range: 65' RTMHR15C



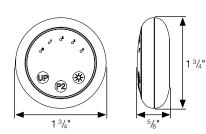
WALL SWITCHES

5 Channel Surface Mount Wall Switch Range: 65' RTMWSR5C

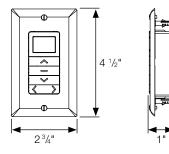


SUN SENSOR

Interior Sun Sensor Range: 65' RTMISS



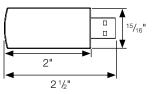
1, 2 or 15 Channel Wall Box Mount Switch Range: 65', requires RTMSMB/W for installation RTMWCR1C, RTMWCR2C, RTMWSR15C



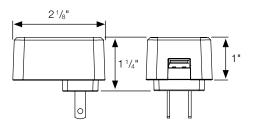


SIGNAL REPEATER

ARC USB Signal Repeater Extends the wireless range of the R-TEC Hub and Remotes up to 60' Maximum 2 per system or network RTMUSR



Wall Charger for USB Signal Repeater RTMLWCW

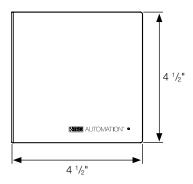


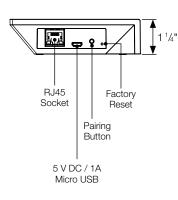
R-TEC AUTOMATION® HUB & APP CAPABILITIES

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, 2, 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









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



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.



Amazon Alexa Conveniently ask Alexa to open and close your window treatments with the power of your voice.



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, 2, 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.

