



# Drapery Databook R-TEC Automation<sup>®</sup> Slim Drapery Motor

#### Our NEW Slim Drapery Motor

off al

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<sup>3</sup>/<sub>8</sub>" Metal Traverse »

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#### R-TEC Automation<sup>®</sup>

Heavy Duty Traverse »	
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# **Slim Drapery Motor**

This document presents the technical information for our R-TEC Automation<sup>®</sup> 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<sup>®</sup> product line of Motors, Power Sources, R-TEC Smart Controls and more.



## Motor Specs •

ltem #	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 •

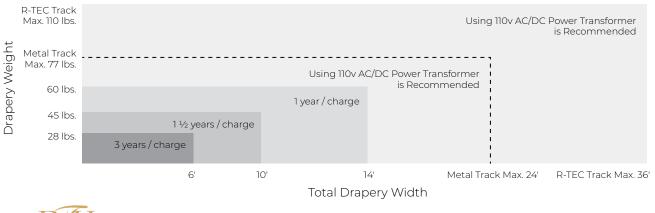
System	Max. Track Length	Max. Drapery Weight
R-TEC Automation® Track	19' Continuous; 36' Spliced	110 lbs.
Motorized 1 <sup>3</sup> / <sub>8</sub> " Metal Traverse	12' Continuous*; 24' Spliced	77 lbs.

\*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%.



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#### **REC** AUTOMATION®

## Applications •



Pinch Pleat

Ripplefold



Narrow Applications

## Power Options -



Li-ion

Battery



110v AC/DC Power

Transformer 10' or 20'

Optional: 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



Wall Box Mount Switch 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™.

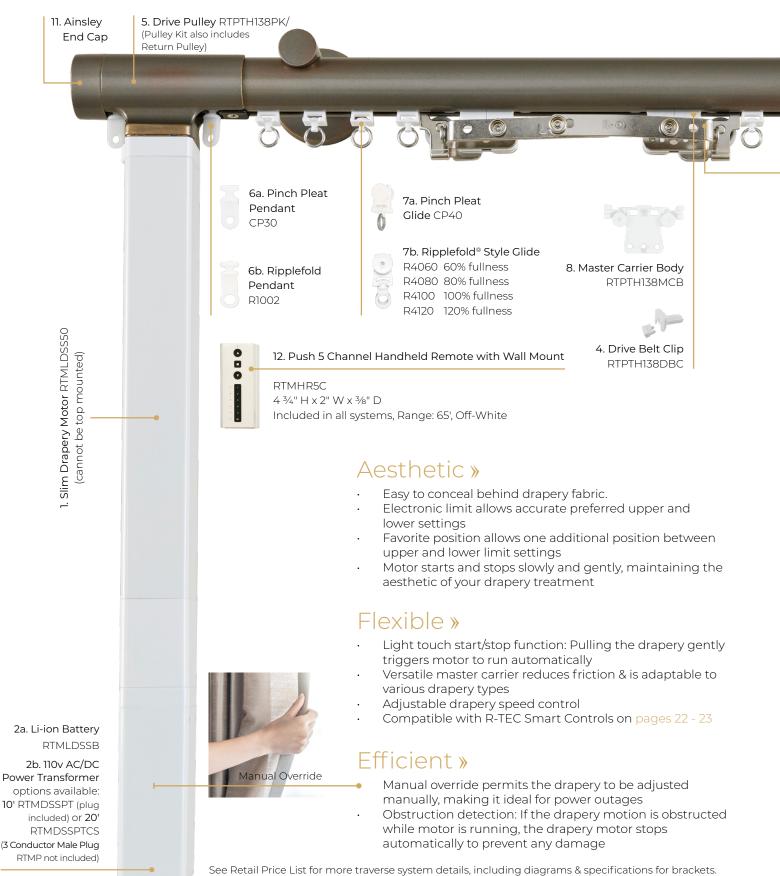






**RIEC** AUTOMATION®

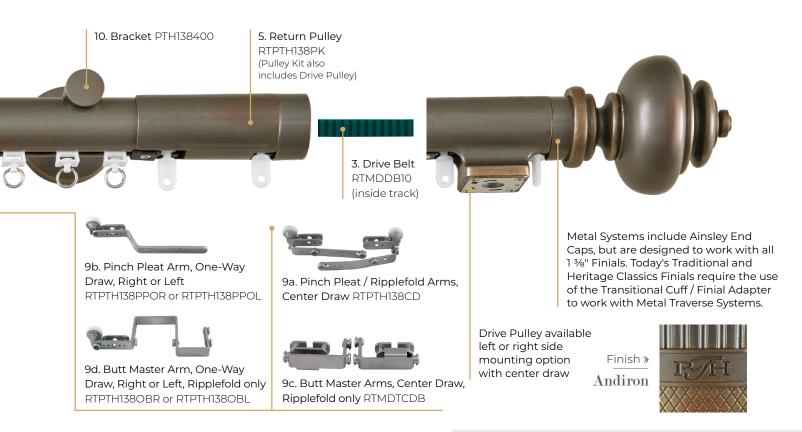
# 1<sup>3</sup>/<sub>8</sub>" Motorized Metal Traverse



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For more details on how to order, see the price list.

Download the order form » bit.ly/PTH-RTEC-Metal-OF



#### 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):
    - $\cdot$  Included: 10' (with plug RTMP) RTMDSSPT
      - Optional: 20' (plug RTMP not included; sold separately) RTMDSSPTCS
- 3. Drive Belt RTMDDB10
- 4. Drive Belt Clip RTPTH138DBC
- 5. Pulley Kit RTPTH138PK (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
    - R4080/ 80% fullness
    - R4100/ 100% fullness
    - R4120/ 120% fullness

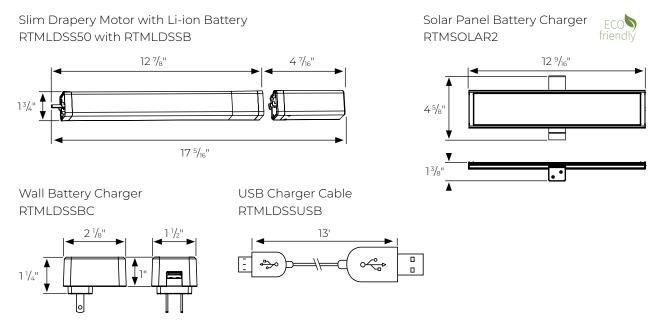
- 8. Master Carrier Body RTPTH138MCB
- 9. Master Carrier Arm(s):
  - a. Pinch Pleat / Ripplefold Master Carrier Arms, Center Draw, Pair RTPTH138CD
  - b. Pinch Pleat Master Carrier Arm, One-Way Draw, Right RTPTH138PPOR or Left RTPTH138PPOL
  - c. Ripplefold Butt Master Carrier Arms, Center Draw, Pair RTMDTCDB
  - d. Ripplefold Butt Master Carrier Arm, One-Way Draw, Right RTPTH138OBR or Left RTPTH138OBL
- 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 <sup>3</sup>/<sub>8</sub>" Drop
  - e. Double Ceiling 2 <sup>5</sup>/<sub>8</sub>" Drop
  - f. Single Low-Profile Ceiling <sup>5</sup>/<sub>32</sub>" Drop
- 11. Ainsley End Caps included PO138AIEC or QS138AIEC; 1<sup>3</sup>/<sub>8</sub>" Finials and Transitional Cuff / Finial Adapters sold separately
- R-TEC Smart Controls: Custom Systems include a Push 5 Channel Handheld Remote with Wall Mount. Additional control options on pages 22 - 23





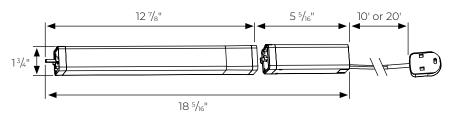
# 1<sup>3</sup>/<sub>8</sub>" Motorized Metal Traverse Product Specs

#### Slim Drapery Motor & Power Option Dimensions



Slim Drapery Motor with 110v AC/DC Power Transformer

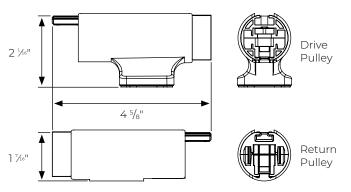
RTMLDSS50 with RTMDSSPT 10' (plug RTMP included) or RTMLDSS50 with RTMDSSPTCS 20' (plug RTMP not included)



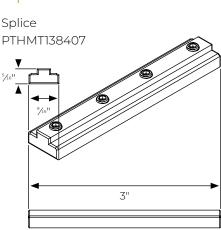
## Pulley Kit Dimensions

Pulley Kit RTPTH138PK

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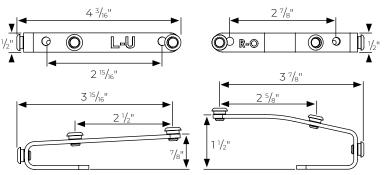
## Splice Dimensions



#### Master Carrier Arm Dimensions

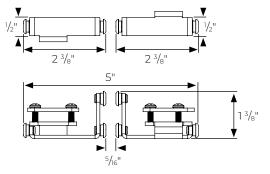
Pinch Pleat / Ripplefold Master Carrier Arms, Center Draw RTPTH138CD

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



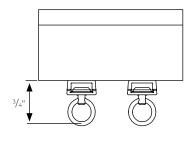
Ripplefold Butt Master Carrier Arms, Center Draw RTMDTCDB

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



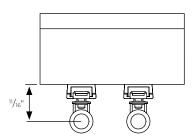
#### Glide Dimensions

Pinch Pleat Glide CP40 Quantity: 3 glides per foot.

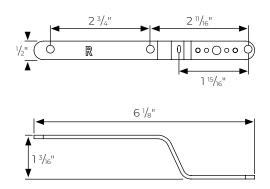


#### Ripplefold Glide

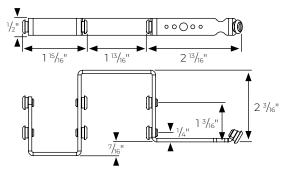
Quantity: Depends on the desired fullness. R4120/ - 120% fullness - 1 %" spacing: 7 glides per foot. R4100/ - 100% fullness - 2 %" spacing: 6 glides per foot. R4080/ - 80% fullness - 2 %" spacing: 5 glides per foot. R4060/ - 60% fullness - 2 %" spacing: 4 glides per foot.



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

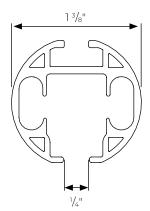


Ripplefold Butt Master Carrier Arm, One-Way Draw Right - RTPTH138OBR or Left - RTPTH138OBL Quantity: 1 per drapery track.



#### Track Dimensions

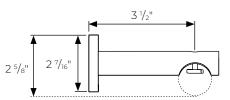
Motorized 1 <sup>3</sup>/<sub>8</sub>" Metal Track



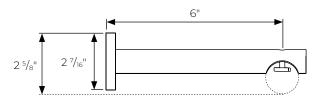
# 1<sup>3</sup>/<sub>8</sub>" Motorized Metal Traverse Product Specs

## Wall Bracket Dimensions

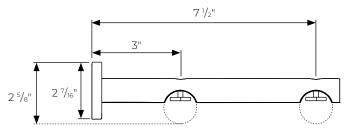
Metal Wall Mount Bracket PTHMT138400



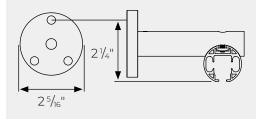
Metal Wall Mount Bracket PTHMT138401



Metal Double Wall Mount Bracket PTHMT138402

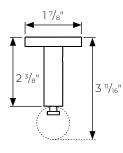


Metal Wall Mount Bracket Mounting Plate



#### Ceiling Bracket Dimensions

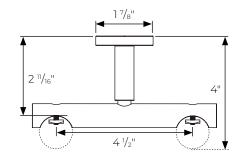
Metal Ceiling Bracket PTHMT138403



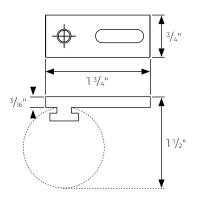
Metal Ceiling Bracket Extender PTHMT138405

2"

Metal Double Ceiling Bracket PTHMT138404



Metal Low Profile Ceiling Bracket PTHMT138406



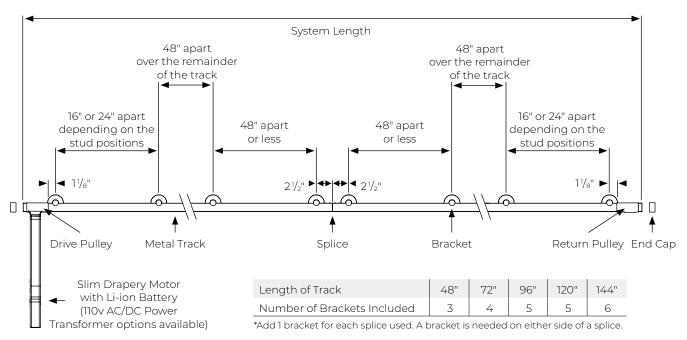
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## 1<sup>3</sup>/<sub>8</sub>" Motorized Metal Traverse Installation

#### Bracket Mounting Recommendations

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

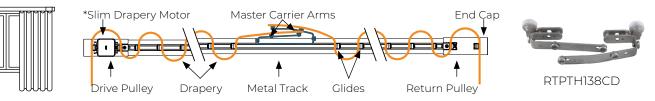
It's recommended to use 1 bracket beside each pulley and an adjacent bracket no more than 24" away. On the remaining part of the Metal Track, bracket-to-bracket distances should be no more than 48". Also, 1 bracket should be placed on each side of a splice if used.



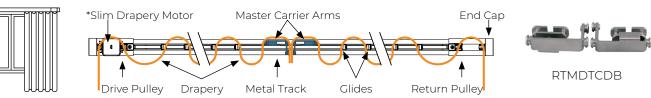


## 1<sup>3</sup>/<sub>8</sub>" Motorized Metal Traverse Configurations

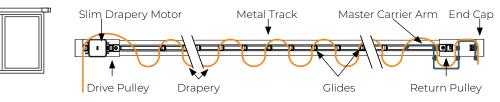
#### Ripplefold Center Draw



#### Ripplefold Butt Master Center Draw



#### Ripplefold Butt Master One-Way Draw

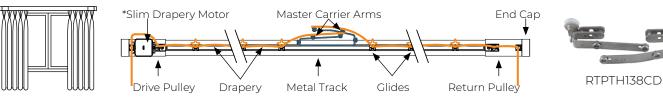




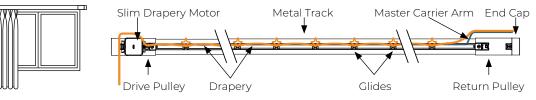
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Right - RTPTH1380BR Left - RTPTH1380BL

## Pinch Pleat Center Draw



## Pinch Pleat One-Way Draw





Right - RTPTH138PPOR Left - RTPTH138PPOL

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

#### **RIEC** AUTOMATION®

# 1<sup>3</sup>/<sub>8</sub>" Motorized Metal Traverse Finishes

Portfolio Custom Hand Painted Finishes

P/H

Luminous LU

Manor MA

Starlet ST

2 MAI

Stardust STA



Patina PAT



Linen LIN



New Age Bronze NAB



Art Bronze AB



Spicewood SPW



Greige GRE



Blush BLU



Java JA



Firelight FL



Mystic MYS



Barnwood BW

**Quick Ship Metal Finishes** 

Satin Gold SG

up to 8' continuous







Rose Gold RGD

up to 8' continuous





neu

R//H

Bronzed Pewter BP

Couture COU

Gossamer GOS

Andiron AND

Moonlight ML

11:11

neu II

Concrete CO



Antique Gold Leaf AGL \*Heavy Duty Traverse only.





Mink MK



White WH





Black BL





Urban Bronze URB

ships in 10 - 15 business days



Amulet AM



Antique Gold AG



Dark Chocolate DC



Titanium TTM

ships in 10 - 15 business days



Matte Black MK up to 12' continuous

PTH Perfect Match<sup>TM</sup> » thousands of Benjamin Moore® colors, see page 54 of the catalog.

## Quick Ship Wood & Resin Finishes

See page 21

Brushed Nickel BN

up to 12' continuous























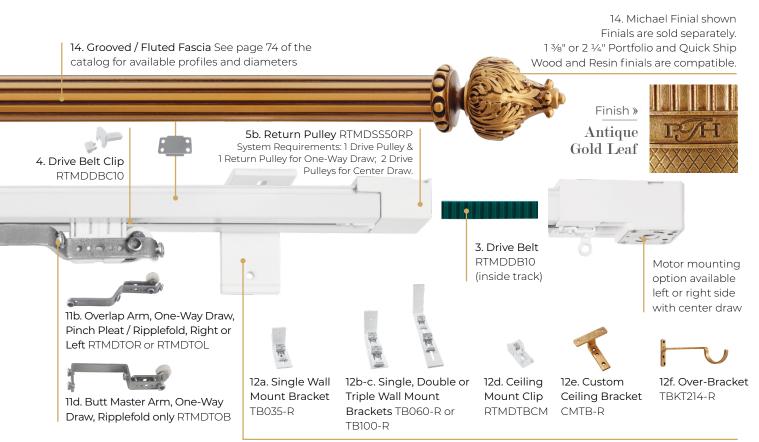
# **R-TEC Motorized Heavy Duty Traverse**



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



#### 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 on pages 22 - 23
- 14. Select your Traverse Fascias and Finials

For more details on how to order, see the price list.

Download the order form » bit.ly/PTH-RTEC-HD-OF



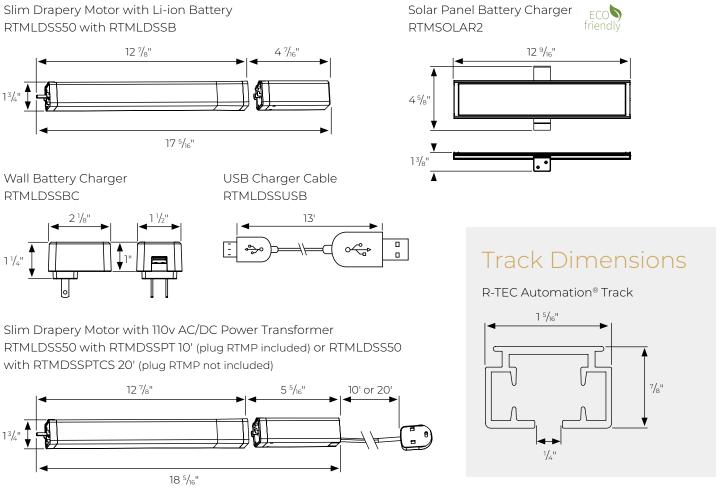






## **R-TEC Motorized Heavy Duty Traverse Product Specs**

#### Slim Drapery Motor & Power Option Dimensions

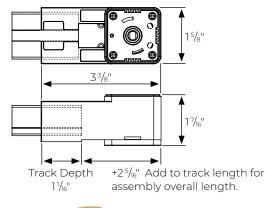


## Pulley Dimensions

Drive Pulley

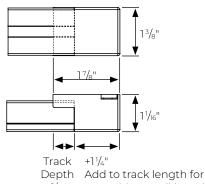
RTMDSS50DP

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



Return Pulley RTMDSS50RP

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

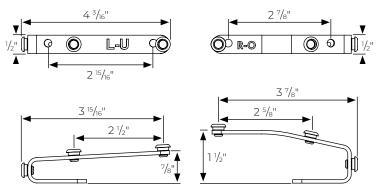


epth Add to track length for 5/8" assembly overall length.

#### Master Carrier Arm Dimensions

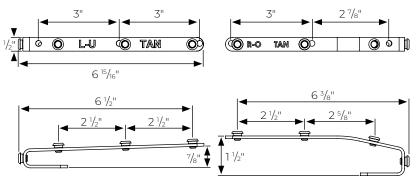
Universal Master Carrier Arms, Center Draw RTMDTCD

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

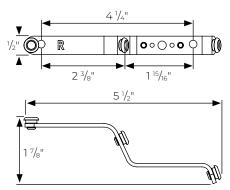


Universal Tandem Master Carrier Arms, Center Draw (see page 21 for details) RTMDTCDTAN

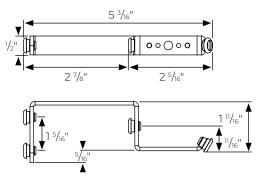
Quantity: 1 Overlap Arm & 1 Straight Arm per tandem system. Sold as a pair.



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

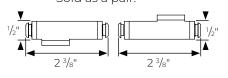


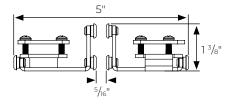
Ripplefold Butt Master Carrier Arm, One-Way Draw, Right or Left - RTMDTOB Quantity: 1 per drapery track.



Ripplefold Butt Master Carrier Arms, Center Draw RTMDTCDB

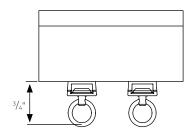
Quantity: 2 per drapery track. Sold as a pair.





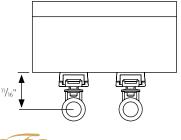
#### Glide Dimensions

Pinch Pleat Glide CP40 Quantity: 3 glides per foot.



#### Ripplefold Glide

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

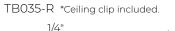


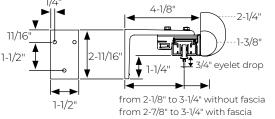


# **R-TEC Motorized HD Traverse Product Specs**

#### Wall Bracket Dimensions

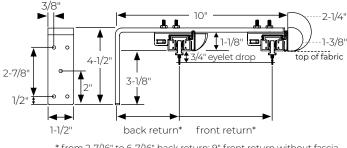
#### Single Wall Mount Bracket





#### Single or Double Wall Mount Bracket

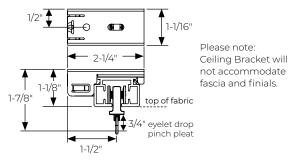
TB100-R \*Ceiling clips included.



\* 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

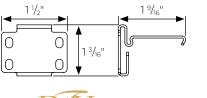
## Ceiling Bracket Dimensions

Ceiling Mount Clip for R-TEC Automation<sup>®</sup> Track RTMDTBCM



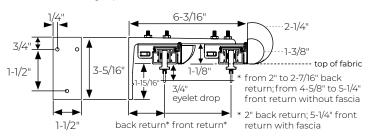
## Fascia Clip Dimensions

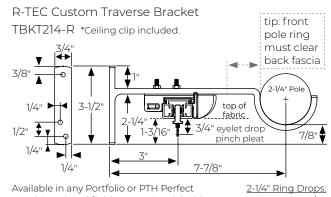
Fascia Mount Clip for R-TEC Automation<sup>®</sup> Track RTMDTFC



18 PARIS TEXAS HARDWARE

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

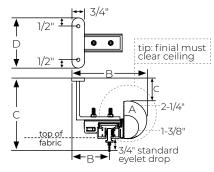




Available in any Portfolio or PTH Perfect Match™ painted finish, or our 5 Quick Ship Wood & Resin finishes.

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

#### R-TEC Custom Traverse Ceiling Bracket CMTB-R



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

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 and/or from ceiling to top of
- fascia (tip: finial must clear ceiling). D. Width of mounting plate if longer than 2 <sup>3</sup>/4".

## Splice Dimensions

Track Splice for R-TEC Automation® Track RTMDTS



# **R-TEC Motorized Heavy Duty Traverse Installation**

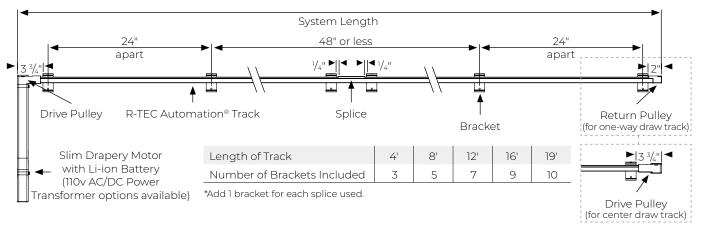
#### Bracket Mounting Recommendations

Installation Instructions »

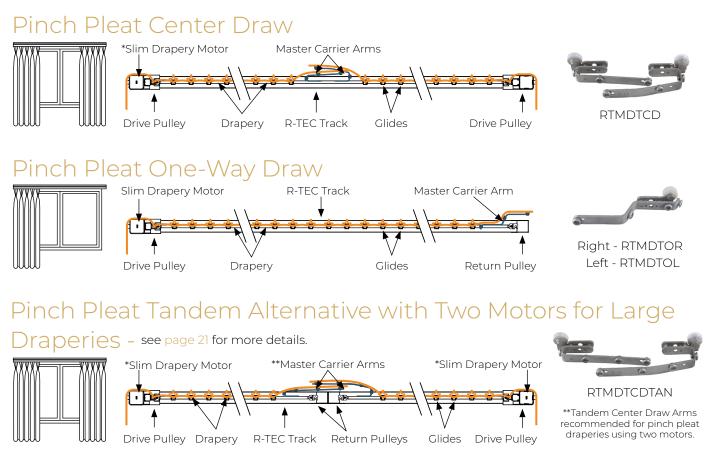
bit.ly/PTH-RTEC-HD-Install



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 Heavy Duty Configurations**

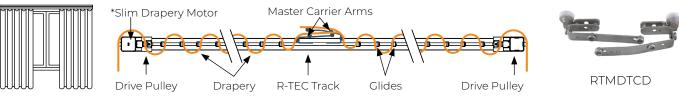


\*Motor can be mounted on either end of track for Center Draw Draperies. Tandem Alternative requires two motors.

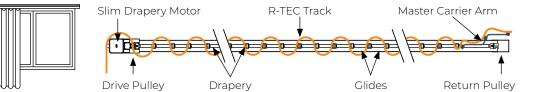
P/H

# **R-TEC Motorized Heavy Duty Traverse Configurations**

#### Ripplefold Center Draw



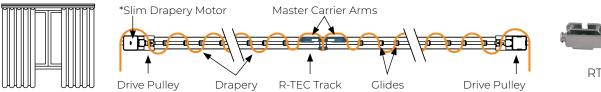
#### Ripplefold One-Way Draw



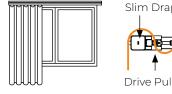


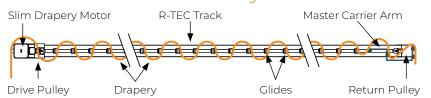
Right - RTMDTOR Left - RTMDTOL

#### Ripplefold Butt Master Center Draw



#### Ripplefold Butt Master One-Way Draw





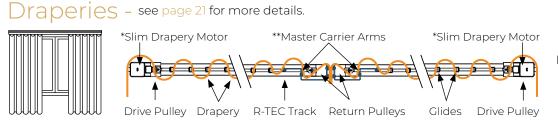


RTMDTCDB



Right or Left - RTMDTOB

## Ripplefold Tandem alternative with Two Motors for Large





#### Right or Left - RTMDTOB

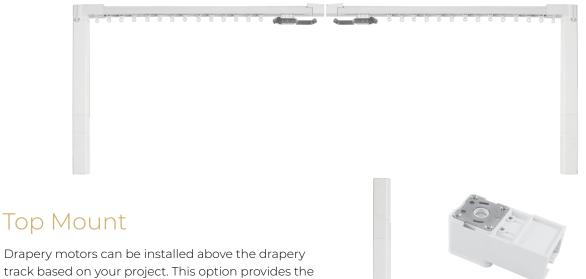
\*\*Butt Master One-Way Draw Arms recommended for Ripplefold draperies using two motors; also available with Butt Master Center Draw Arms.

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

# **R-TEC Motorized Heavy Duty Traverse Custom Options**

#### Tandem Alternative

Tandem alternative ARC<sup>™</sup> 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).



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.

Drive Pulley RTMDSS50DP

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

## Portfolio Custom Hand Painted Finishes

See page 13

#### Quick Ship Wood & Resin Finishes



PTH Perfect Match<sup>TM</sup> » thousands of Benjamin Moore® colors, see page 54 of the catalog.



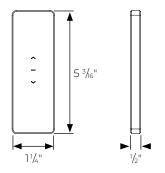
#### **R-TEC Smart Controls**



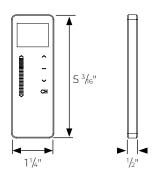
## **R-TEC Smart Controls**

#### Handheld Remotes with Wall Mounts

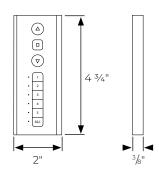
1 Channel Remote Range: 65' RTMHR1C



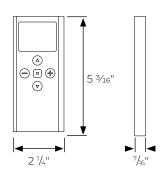
15 Channel Remote Range: 65' RTMHR15C



Push 5 Channel Remote Range: 65' RTMHR5C

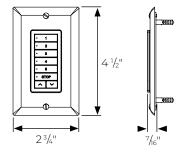


Push 15 Channel Remote Range: 65' RTMHRP15C or /K

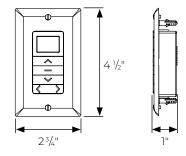


#### Wall Switches 5 Channel Surface Mount Wall Switch Range: 65'

RTMWSR5C



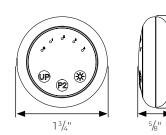
15 Channel Wall Box Mount Switch Range: 65' RTMWSR15C



#### Sun Sensor

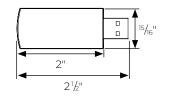
Interior Sun Sensor Range: 65' RTMISS

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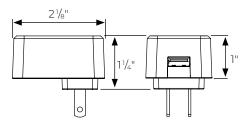




ARC USB Signal Repeater Extends the wireless range of the R-TEC Hub and Remotes up to 60' Maximum 2 per system or network RTMUSR



Wall Charger for USB Signal Repeater RTMLWCW

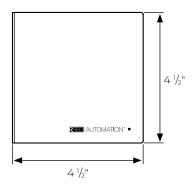


13/4"

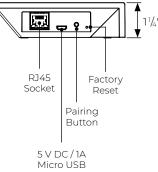
#### R-TEC Automation<sup>®</sup> Hub & App Capabilities

The R-TEC Automation<sup>®</sup> 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<sup>®</sup> App Store or Google Play<sup>™</sup>, search for Rowley to find and download the new R-TEC Automation<sup>®</sup> 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









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<sup>®</sup> 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<sup>®</sup> 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.



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