



THERMAL SECTIONAL DOORS

## TC SERIES

THERMAL SECTIONAL DOORS



Raynor TC300, white, with rectangle windows

**TC320**

**TC300**

**TC200**

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CALL: 800-4-RAYNOR

# TC SERIES

T H E R M A L   S E C T I O N A L   D O O R S

With a proven track record for thermal efficiency and extreme durability, Raynor TC Series is simply the best you can specify. With extruded polystyrene insulation thermally bonded between two steel skins, TC 320/300 doors have an exceptional R-value of 17.05, with TC200 doors featuring a 10.25 R-value.

## TC320

Designed for optimum strength and performance, this door's 20-gauge exterior steel skin and rugged hardware provides the ultimate in dependability. Raynor TC320 is ideal in applications where security and thermal protection are required.

## TC300

The industry's benchmark for commercial sectional garage doors, this product provides unparalleled Raynor reliability and stability to meet or exceed the requirements of daily use. Raynor TC300 is offered with the widest selection of quality features and options for the most common product applications requiring strength, reliable operation and maximum thermal efficiency.

## TC200

TC200's two-sided steel design features a laminated core of expanded polystyrene insulation for an R-value of 10.25. TC200 is offered with a number of exterior color selections and optional windows to meet your application's needs.



TC300, white, with full view windows

# TC SERIES

THERMAL SECTIONAL DOORS



TC200, sepia, with full view aluminum windows

## APPLICATION GUIDE

	TC320	TC300	TC200
Agricultural Buildings	●	●	●
Car Wash/Corrosive Environments	○	○	○
Commercial/Multi-Tenant	○	●	○
Fire Station/Ambulance	●	●	●
High Security	●	○	○
Large Opening Size	○	●	○
Service Station	●	●	●
Thermal Environments	●	●	●
Transit Facility/Truck Terminal	●	●	●
Underground Parking	○	●	○
Warehouse/Manufacturing	●	●	●

● Best Choice   ○ Good Solution   ○ Applicable

Series MODEL	Max. Opening Width	Max. Opening Height	Construction	Surface Texture	Section Thickness	Exterior/ Interior Steel Thickness	End Stile Steel Thickness	Insulation (R-Value)	Thermal Break	Exterior Colors	Section Warranty
TC320	32'	24'	Steel Sandwich	Smooth	3"	20-Gauge (.035")/ 25-Gauge (.017")	14-Gauge	Extruded Polystyrene (17.05)	Yes	White & 187 ArmorBrite Colors	1-Year (Rust) 10-Year (Delamination)
TC300	32'	24'	Steel Sandwich	Stucco	3"	25-Gauge (.017")/ 25-Gauge (.017")	14-Gauge	Extruded Polystyrene (17.05)	Yes	White, Frost White*, Dark Brown*, Sepia*, Beige* & 187 ArmorBrite Colors	1-Year (Rust) 10-Year (Delamination)
TC200	18'	16'	Steel Sandwich	Stucco	2"	26-Gauge (.015")/ 26-Gauge (.015")	18-Gauge	Expanded Polystyrene (10.25)	Yes	White, Almond, ClayTone, BronzeTone Brown*, Sepia*, Frost White*, Beige*, & 187 ArmorBrite Colors	1-Year (Rust) 10-Year (Delamination)

\*Features the Kynar™ paint process, which provides extended UV protection against fading.

**WARRANTY** TC Series door sections carry an exclusive 10-year delamination warranty (of the steel door skins from the insulation) and a standard 1-year limited warranty against any rust on all other door components. See your local Raynor Authorized Dealer for complete details.

# TC320 TC300

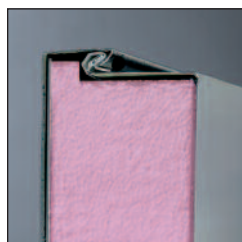
## TC320/TC300 FEATURES

Every Raynor TC320 and TC300 door is built for superior performance and includes the features listed below.



### Optimum energy savings.

Flexible, EPDM rubber flap header seal reduces air infiltration and energy costs by sealing the top of the door against the header.



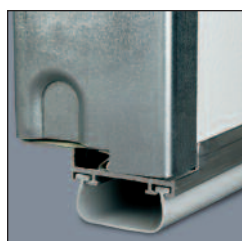
### Maximum thermal efficiency.

3" thick TC320 and TC300 door sections are fully insulated with extruded polystyrene insulation.



### Reduced airflow.

A vinyl section joint seal prevents airflow between sections. Our patented RollLock™ mechanically interlocked thermal barrier prevents heat loss and eliminates any metal-to-metal contact.



### Decreased energy costs.

TC320 and TC300 doors help you reduce energy costs with a U-shaped, vinyl bottom weatherseal.



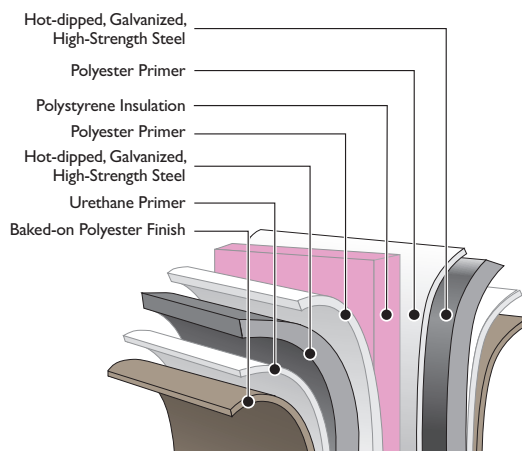
**Rugged hardware and springs.** Your TC320 or TC300 door comes packaged with the right combination of long-lasting hardware, track and springs to precisely match your door's size and application.

### Finished Interior.

Two-sided sandwich construction provides TC320 and TC300 doors with an attractive and durable white finished steel interior.



TC320 and TC300 doors feature extruded polystyrene insulation thermally bonded between two hot-dipped galvanized, rust-resistant steel skins.







#### Choice of windows.

TC320 and TC300 windows are available in a variety of insulated glass styles and several options: 24" x 8" rectangular (top), full view aluminum (bottom), or standard full view in 34" x 16" sizes.



#### Customized track and hardware systems.

Track systems are supplied to fit special clearances, inclines or contour applications. Hardware and track systems can be designed to fit any need.\* Additional trussing is available for special windloading applications.



**High-cycle counterbalance systems.** For reliable operation in high traffic areas, choose high-cycle torsion springs with 25,000, 50,000 or 100,000-cycle life. For reduced maintenance and ultra-smooth operation in heavy-use applications, choose a weight counterbalance system.



#### Pedestrian doors.

Pedestrian doors are designed for convenient entry and to help minimize energy loss.\*



#### Jamb seal.

Helps to decrease energy costs and reduce air infiltration by sealing the side of the door when closed.



#### Removable center posts.

Carry-away and swing-up options are available for extra-wide openings. Ideal for agricultural or airplane hangar applications.



#### Locks.

In applications where control and access are important, choose from a variety of locking options to help keep your building secure.\* Locks come in both inside and outside variations.



#### Carbon monoxide vent.

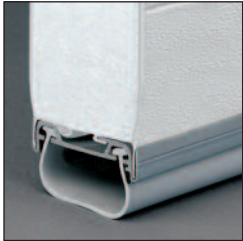
Allows you to channel fumes to the outside when door is closed. Available in a variety of sizes.

\* Some options may be limited to door size or model. Contact your local Raynor Authorized Dealer regarding availability for your application.

# TC200

## TC200 FEATURES

Raynor TC200 doors are available with numerous features and options, including those listed below.



### **Weatherseal.**

Bottom weatherseal keeps out the elements.



### **Section Joints.**

Vinyl thermal break between interior and exterior skins, along with a section joint seal prevent weather infiltration.



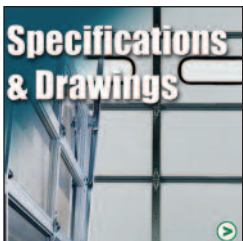
### **Hardware.**

TC200 has heavy-duty, hot-dipped galvanized steel sections with an epoxy primer and baked-on polyester finish to resist rust and impact. The rugged, hot-dipped galvanized steel track and steel wheel, ball-bearing rollers assure durable, long lasting performance.



### **Windows.**

TC200 windows use 1/8" DSB, insulated glass and are available in several options: 24" x 8" oval (top), colonial, ranch, full view colonial style aluminum section (bottom), and full view ranch style aluminum section.

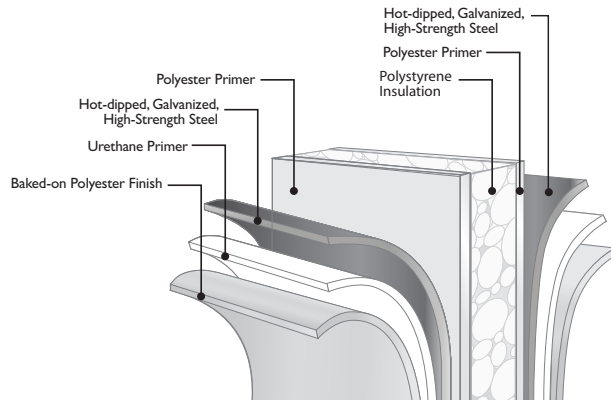


### **Specifications & Drawings.**

Visit us at [www.raynor.com](http://www.raynor.com) for CSI Master Format™ Specifications, Raynor Quick Specs and Standard Drawings

### **Construction.**

2" thick door sections are made from high-strength, impact-resistant steel with a thermal core of polystyrene insulation for a 10.25 R-Value.



### **Finished Interior.**

Two-sided sandwich construction provides TC200 doors with an attractive and durable white finished steel interior.



## COMMERCIAL OPERATORS



ControlHoist



PowerHoist



### Commercial Operators

Raynor ControlHoist™ (with solid state logic board control) and PowerHoist™ operators are available in a variety of motor, voltage, and phase combinations for any commercial or industrial application. Contact your local Raynor Authorized Dealer to select the operator and accessories that are suited for your door's size and usage.

## SPECIAL SIZES



### Large opening sizes.

Because Raynor TC Series doors are so durable, we offer this product in a variety of sizes to accommodate large opening applications. For further information, contact your Raynor Authorized Dealer.

## COLORS



TC300, dark brown, with full view aluminum windows



TC320, ArmorBrite powdercoat (center) and white, with full view windows

White

All TC Series doors are available in White, as well as 187 ArmorBrite colors. For additional product color options, see below.

Dark Brown

Frost White

Sepia

Beige

Almond

BronzeTone

ClayTone

TC300 and TC200 doors may be upgraded to Dark Brown, Frost White, Sepia or Beige, featuring the Kynar™ paint process that provides extended UV protection against fading. Additionally, TC200 doors are available in Almond, BronzeTone and ClayTone.



### Depend On Professional Installation By Your Raynor Dealer

When you select Raynor, you're not just getting a superior commercial door, you're getting professional door installation and service expertise.

Every Raynor door is installed by an experienced Raynor professional. And that means added benefits for you. Because it's done right the first time, your door will deliver performance and reliability from

the day it's installed. Your technician will check your door for everything from safety to performance to appearance.

Trust your Raynor door to someone who knows it better than anyone else—your professional Raynor Dealer. We have over 600 authorized dealers serving North America and over 50 countries worldwide.

Raynor offers a full line of commercial sectional doors. In addition, Raynor offers a full line of rolling service, fire and traffic doors, as well as security grilles and counter shutters. See your Raynor Authorized Dealer or visit [www.raynor.com](http://www.raynor.com) for more information.



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