

# THERMA TECH™



## INSULATED STEEL GARAGE DOORS

THERMA TECH™

THERMA TECH II™

THERMA MAX™

TRI TECH™



*Door Shown: Traditional Panels, Stockton Windows, factory Almond color*

*A Tradition of Quality, Since 1946*

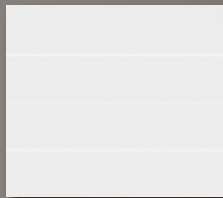
**NORTHWEST DOOR®**

# MODELS: 108 / 208 / 208TM / 608



Contemporary Design field painted by others

## CONTEMPORARY



The simple elegance of our Contemporary styled door is well suited for many homes. Its sleek design can be complemented with one of twelve optional window styles shown below. Windows shown are single car two panes wide, double car doors are four panes. Choose from a wide selection of optional glass types, see page 7 for more details.



### DESIGN SELECTION



ARCHED  
STOCKBRIDGE



HERITAGE



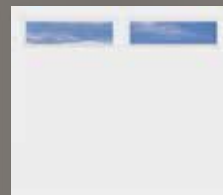
ASHTON



CASCADE



CATHEDRAL



PLAIN LITE



SHERWOOD



STOCKFORD



STOCKBRIDGE



STOCKTON



WATERFORD



WILLIAMSBURG

# MODELS: 118 / 218 / 218TM / 618

*Traditional Panel, Cascade Windows field painted by others*

## TRADITIONAL PANEL



*The Traditional panel is our most popular panel design. The small door panels add detail and charm to the face of your home and work well with most architectural styles. The optional windows shown below are single car four panes wide, double car doors are eight panes wide, see page 7 for optional glass types.*



**Woodgrain Embossed  
20"x14" Raised Panels**

### DESIGN SELECTION



**ASHTON**



**CASCADE**



**CATHEDRAL**



**PLAIN LITE**



**SHERWOOD**



**STOCKFORD**



**STOCKBRIDGE**



**STOCKTON**



**WATERFORD**



**WILLIAMSBURG**

MODELS: 128 / 228 / 228TM / 628



Ranch Panel, Stockton Windows field painted by others

# RANCH PANEL



The Ranch panels are large, bold and impressive. The long narrow design of the panels add length to the appearance of your home. Twelve optional window designs are shown, more details on page 7.



Woodgrain Embossed  
42"x15" Raised Panels

## DESIGN SELECTION



ARCHED  
STOCKBRIDGE



HERITAGE



ASHTON



CASCADE



CATHEDRAL



PLAIN LITE



SHERWOOD



STOCKFORD



STOCKBRIDGE



STOCKTON



WATERFORD



WILLIAMSBURG

# MODELS: 10C / 20C / 20CTM / 60C

*Carriage Panel, Stockton Windows, Factory Standard Bright White color, Optional Decorative Hardware Kit "C"*

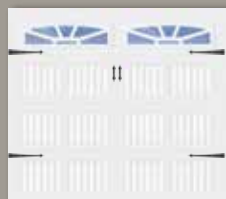
**Woodgrain Embossed  
19"x15" Recessed  
Carriage Panels**

## CARRIAGE PANEL



*The Carriage panels offer a unique and stylish appearance to your home. Two optional decorative hardware kits can also be added to enhance the look and charm of swing type doors. Eight optional window designs are shown below. Optional glass types are shown on page 7.*

### DESIGN SELECTION



ASHTON



HERITAGE



ARCHED  
STOCKBRIDGE



CASCADE



PLAIN LITE



STOCKBRIDGE



STOCKTON



WILLIAMSBURG

### DECO HARDWARE KITS



B-TRADITIONAL SERIES



C-AMERICANA SERIES

# FOUR DOOR SERIES TO MEET EVERY NEED

Therma Tech™, Therma Tech II™, Therma Max™ and Tri Tech™ are built using Northwest Door's time proven sandwich-type construction. This method of construction has proven itself to be superior over the past twenty years on hundreds of thousands of Northwest Doors in homes across the US and Canada.

## Construction

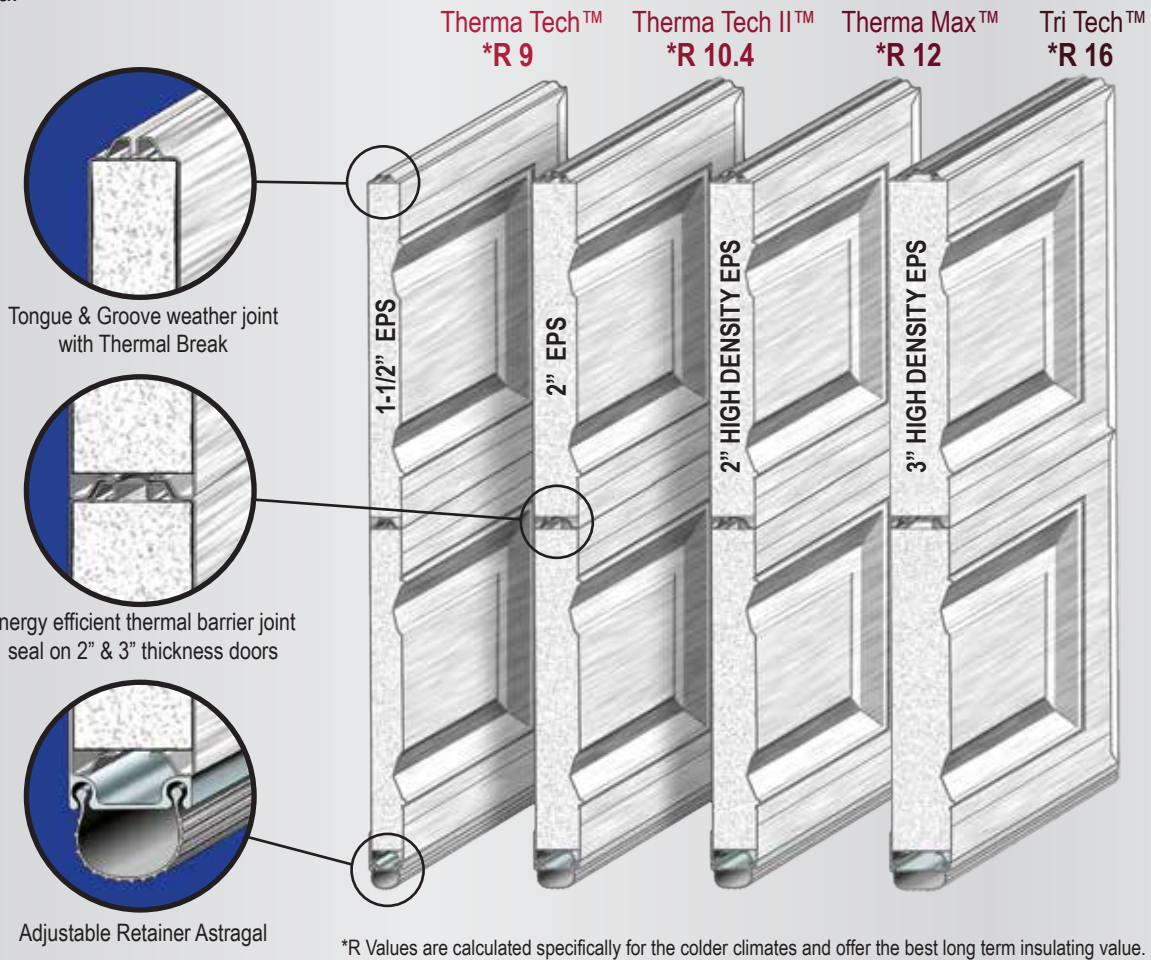
Interior and exterior galvanized prepainted steel skins are pressure laminated to a CFC-free expanded polystyrene (EPS) core. This forms a true and natural Thermal Break. This construction is also both fire and smoke rated. 2" and 3" thick models also have a flexible joint seal running the full width of the doors.

## ~~Thermal Drift~~

The result is an extremely strong and beautiful maintenance-free garage door with outstanding insulating and sound deadening qualities.

## NO CFC's NO HCFC's

This product contains no ozone damaging Chlorofluorocarbon or Hydrochlorofluorocarbon present in some urethane foam products.



\*R Values are calculated specifically for the colder climates and offer the best long term insulating value.

# THERMAL BREAK REDUCES HEAT/COLD TRANSFER 15.5%

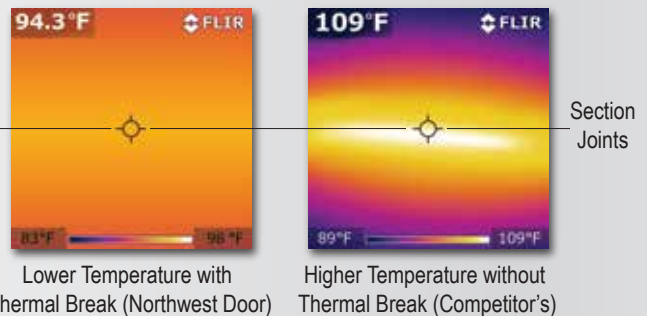
An independent laboratory performed a comparison test on the Northwest Door Therma Tech II™ and a competitor's insulated door. The competitor's door is typical of the industry standard for insulated garage door construction. Both doors were 2" thick, used identical EPS insulation cores and identical steel skins front and back, however the Therma Tech featured Northwest Door's **Thermal Break** design.

After two hours of direct exposure to 135° Fahrenheit, temperatures were measured for thermal transmission from the front to the back of the door. The Therma Tech II measured 94° F as compared to 109° F on the competitor's door. This is a substantial 15.5% difference at the most critical area of the door, the section joints. The interior surface comparative temperatures of the center of the door panels were also sizeable, measuring 7.2% lower than the competitor.

The reason for these large differences is that the Northwest Door **Thermal Break** does not have metal-to-metal contact from one side of the door to the other, like that of the competitor's door. This reduces the thermal transmission of the door, which improves its overall insulation value and effectiveness.

This study confirms that the Northwest Door Thema Tech II with **Thermal Break** dramatically out performs other insulated garage doors, as shown by the actual infrared thermal images.





## INFRARED IMAGE COMPARISON



All four Northwest Door products; Therma Tech™, Therma Tech II™, Therma Max™ and Tri Tech™ feature a **Thermal Break**.

# FOUR PANEL DESIGNS

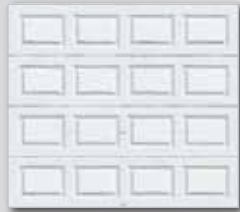
## Panel Designs & Model Numbers

	Therma Tech™ *R 9	Therma Tech II™ *R 10.4	Therma Max™ *R 12	Tri Tech™ *R 16
 <b>Contemporary (Flush Face) Model Numbers</b>	<b>108</b>	<b>208</b>	<b>208TM</b>	<b>608</b>
 <b>Traditional (Short Panel) Model Numbers</b>	<b>118</b>	<b>218</b>	<b>218TM</b>	<b>618</b>
 <b>Ranch (Long Panel) Model Numbers</b>	<b>128</b>	<b>228</b>	<b>228TM</b>	<b>628</b>
 <b>Carriage (Carriage Panel) Model Numbers</b>	<b>10C</b>	<b>20C</b>	<b>20CTM</b>	<b>60C</b>

## FOUR-COAT PAINT/PROTECTION

(1) Galvanized (2) Bonderized (3) Prime Painted (4) Finish Topcoat

Four standard colors are offered on all models or you can field paint to match your specific color requirement.



\*Bright White



\*Almond



\*Sandstone



\*Brown

\*The color samples shown above are not exact reproductions, slight variations do occur during the printing and production process.

## WINDOW & GLASS OPTIONS

Windows are available on all door models. Window selections are shown by product on each product's page. Clear double strength annealed glass is standard. Insulated, tempered, tinted and other specialty glass types are available to suit your particular needs.



Clear Glass (Standard)



Satin Etch Glass (Optional)



P516 Obscure Glass (Optional)



Grey Tinted Glass (Optional)

## STANDARD HARDWARE PACKAGE

Doors are equipped with a standard lift track and torsion spring counterbalance system, which has a minimum cycle life of 10,000 cycles. All on-door operational hardware is galvanized and secured to door sections with zinc plated fasteners. Doors are also standard equipped with an adjustable retainer astragal (weather stripping) on the bottom of the door. Operation is manual push-up, although optional **Electric Operation** is recommended. Hardware Options: **High Lift Hardware**, **Low Head Room Hardware**, **Extended Life/High Cycle Springs** and **Powder Coated Track/Hardware**. **Consult your Northwest Door Dealer for more details.**

# LIMITED LIFETIME WARRANTY



Therma Tech™, Therma Tech II™, Therma Max™ and Tri Tech™ sections come with a limited lifetime warranty against deterioration due to rust-through for as long as you own your home, a twenty (20) year warranty against deterioration of insulation efficiency (Thermal Drift) and a five (5) year warranty against delamination. Hardware and accessories are warranted against defects in material and workmanship for one (1) year. Contact your Northwest Door Dealer for complete warranty, maintenance and painting instructions. Northwest Door reserves the right to make product changes without notice. Top section must be strutted on motor operated doors.

**WARNING: Any adjustment to your door should be made by an experienced garage door installer, such as your Northwest Door dealer. Serious injury can result from improper adjustments to your door.**

Your garage door is typically one of the most prominent visual features on your home. However, your garage needs to be more than just attractive; it should compliment your home with beauty and functionality. Our Therma Tech™ garage doors do exactly that.



Traditional Panel, Plain Lite Windows

Our sandwich construction method uses two layers of high quality steel and a solid EPS (expanded polystyrene) core that forms a true **Thermal Break**; a barrier of protection from the weather outside plus additional security for your home. Our new **3" Tri Tech™** model is designed to protect you from the most extreme hot or cold environmental conditions with an **R16** rating.

We have four door models (R9 through R16), four panel styles, and four standard colors to choose from. All are available with dozens of window/glass options so you will find **the perfect look** to complement your home. Therma Tech™ doors can also be easily field painted by others to meet your exact color requirement.

**Northwest Doors are a great addition to your home.**

## Standard Configurations

Door Width	Number of Panels		
	Traditional - Ranch - Carriage		
8', 9'	4	2	4
10'	5	2	4
12'	6	3	6
14'	7	3	6
16'	8	4	8
18'	9	4	8

## Hardware Clearances

Clearances Hardware Type	Head Room	Side Room
Standard Lift	12"	3-1/2"
Low Clearance	3-1/2"	4-1/2"

Door sizes are available up to 20' wide and 14' high for over-sized special applications.



Traditional Panel, Waterford Windows

Ask your Door Dealer about our Virtual Showroom Tablet App and visit our Design Gallery at: [www.northwestdoor.com](http://www.northwestdoor.com)



**"Northwest Door is family owned and takes great pride in our products and satisfaction of our customers!"**

Dealer Name:



**LiftMaster®** Northwest Door recommends LiftMaster® Professional Line Garage Door Openers on all Northwest Door® garage doors.



**NORTHWEST DOOR®**  
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800-522-2264 [www.northwestdoor.com](http://www.northwestdoor.com)



# THERMA TECH™

WOODGRAIN FINISHES



## Insulated Steel Carriage Panel Garage Doors

THERMA TECH™

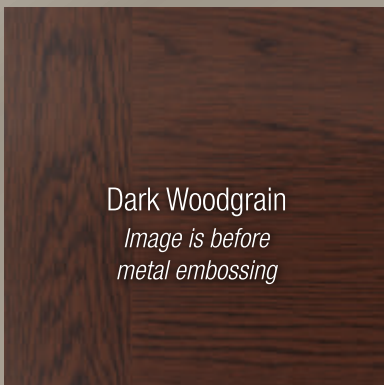
THERMA TECH II™

THERMA MAX™

TRI TECH™



*Door shown is Dark Woodgrain finish with Stockton windows and optional Deco Kit "C" Handles*



**Dark Woodgrain**

*Image is before  
metal embossing*

Two new beautiful high quality woodgrain finishes are now available on our Therma Tech Series carriage panel garage door models 10C, 20C, 20CTM and 60C. Northwest Door's Dark and Medium Woodgrain finishes are bi-directional which adds an authentic appearance of a wooden garage door.

Like all Therma Tech Series doors they are backed by a Limited Lifetime Warranty assuring you they will last for many years to come.



**Medium Woodgrain**

*Image is before  
metal embossing*

**NORTHWEST DOOR®**

[www.NorthwestDoor.com](http://www.NorthwestDoor.com)

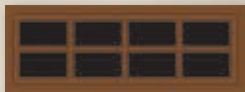
# THERMA TECH™

## WOODGRAIN FINISHES



Medium Woodgrain finish

WINDOWS are available in a multitude of glass types and patterns. Visit NorthwestDoor.com for complete selection.



Stockton



Sherwood



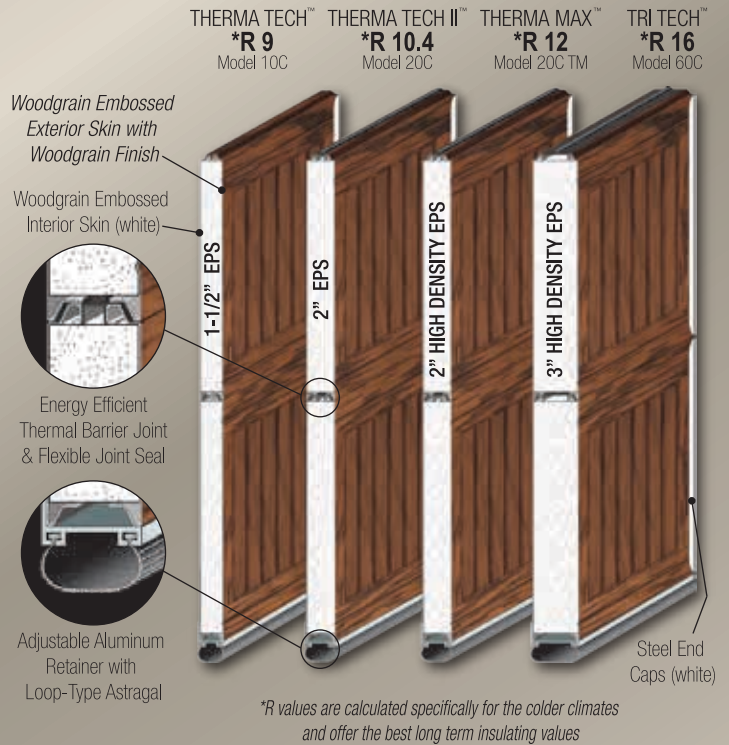
Stockbridge



Cascade

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**CONSTRUCTION:** Interior and exterior galvanized prepainted steel skins are pressure laminated to a CFC-free expanded polystyrene (EPS) core. This forms a true and natural Thermal Break. 2" and 3" thick models also have a flexible joint seal running the full width of the doors. The result is an extremely strong and beautiful maintenance-free garage door with outstanding insulating and sound deadening qualities.



**HARDWARE:** Doors are equipped with a standard lift track and torsion spring counterbalance system, which has a minimum cycle life of 10,000 cycles. All on-door operational hardware is galvanized and secured to door sections with zinc plated fasteners. Manual push-up operation.

**OPTIONS:** Decorative Hardware (Handles/Hinges) High Lift Hardware, Low Head Room Hardware, Extended Life/High Cycle Springs and Powder Coated Track/Hardware. Consult your Northwest Door Dealer for more details.

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**LiftMaster®** Northwest Door recommends LiftMaster® Professional Line Garage Door Openers on all Northwest Door® garage doors.



**NORTHWEST DOOR®**  
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