

THERMA TECH™



INSULATED STEEL GARAGE DOORS

THERMA TECH™

THERMA TECH II™

THERMA MAX™

TRI TECH™



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

North America's Finest Garage Doors

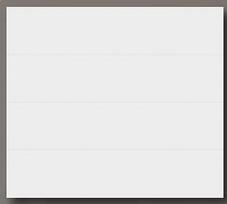
NORTHWEST DOOR®

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

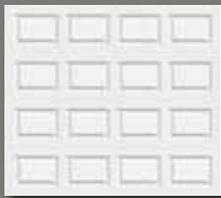
ARCHED STOCKBRIDGE	HERITAGE	ASHTON	CASCADE	CATHEDRAL	PLAIN LITE
SHERWOOD	STOCKFORD	STOCKBRIDGE	STOCKTON	WATERFORD	WILLIAMSBURG

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



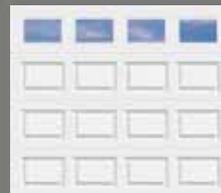
ASHTON



CASCADE



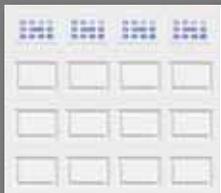
CATHEDRAL



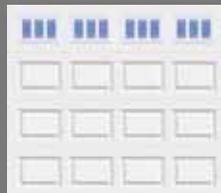
PLAIN LITE



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"x14" Raised Panels

DESIGN SELECTION



ARCHED
STOCKBRIDGE



HERITAGE



ASHTON



CASCADE



CATHEDRAL



PLAIN LITE



SHERWOOD



STOCKFORD



STOCKBRIDGE



STOCKTON

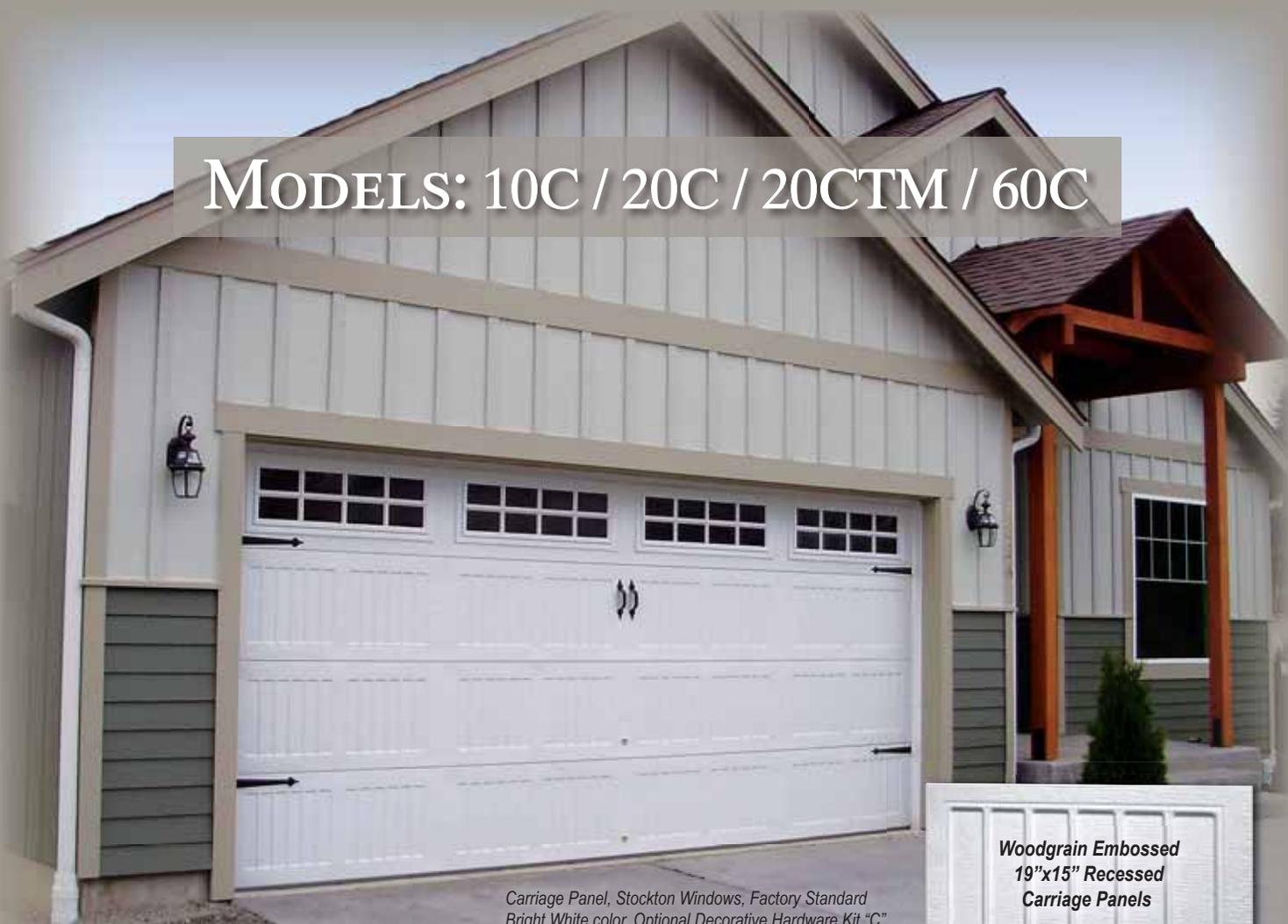


WATERFORD



WILLIAMSBURG

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

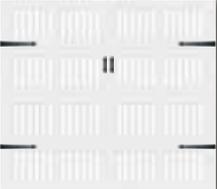


Carriage Panel, Stockton Windows, Factory Standard Bright White color, Optional Decorative Hardware Kit "C"



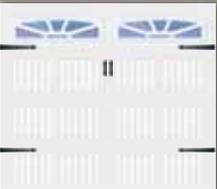
**Woodgrain Embossed
19"x15" Recessed
Carriage Panels**

CARRIAGE PANEL

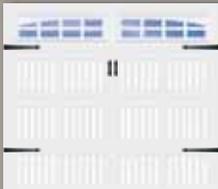


The Carriage panels offer a unique and stylish appearance to your home. Three optional decorative hardware kits can also be added to enhance the look and charm of swing type doors. Eight optional window designs are shown below. Optional glass types are shown on page 7.

DESIGN SELECTION



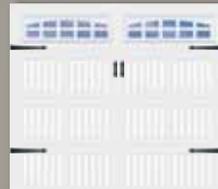
ASHTON



HERITAGE



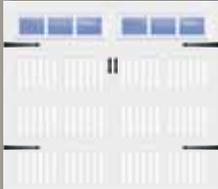
**ARCHED
STOCKBRIDGE**



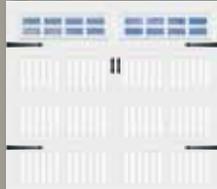
CASCADE



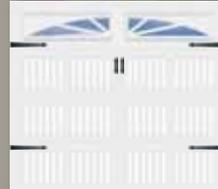
PLAIN LITE



STOCKBRIDGE



STOCKTON



WILLIAMSBURG

DECO HARDWARE KITS

A-CLASSIC SERIES

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

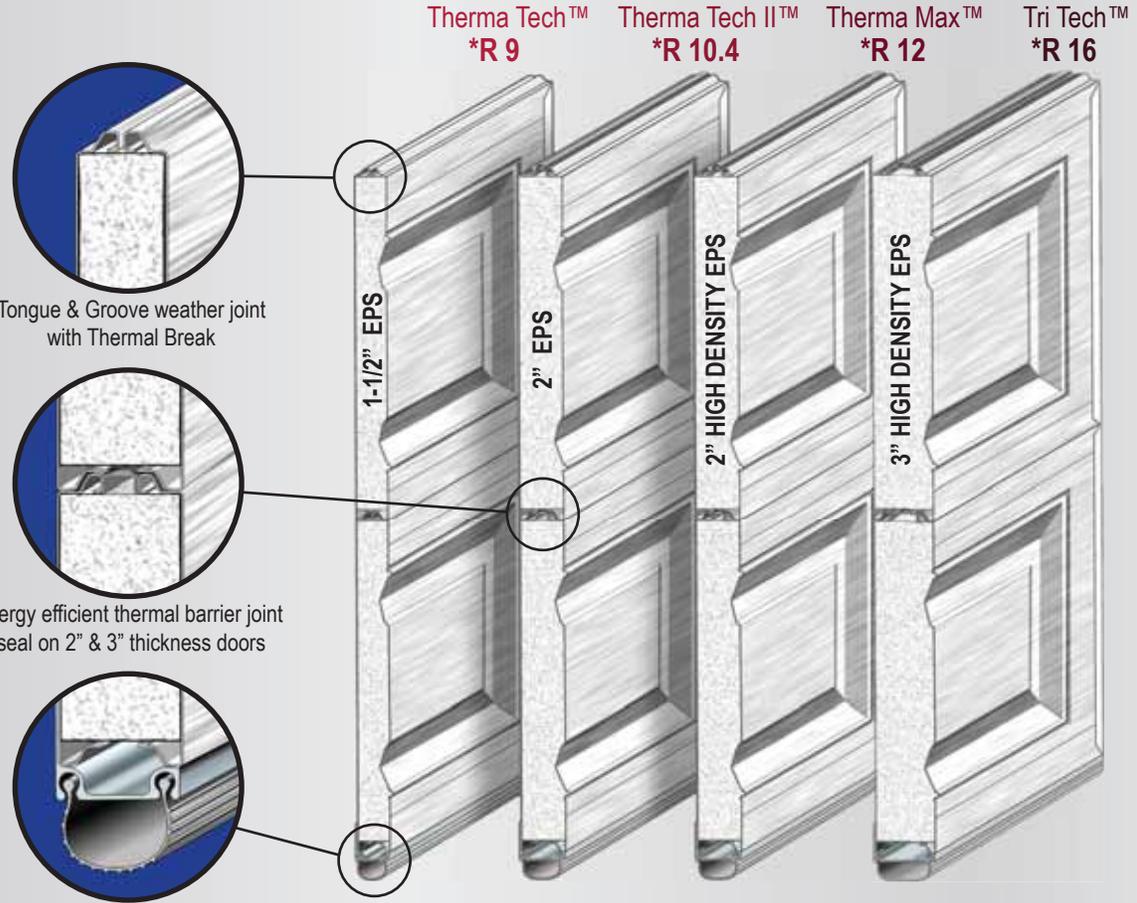
Interior and exterior galvanized prepainted steel skins are pressure laminated to a CFC-free expanded polystyrene (EPS) core. This forms a true and natural Thermal Break. This construction is also both fire and smoke rated. 2" and 3" thick models also have a flexible joint seal running the full width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

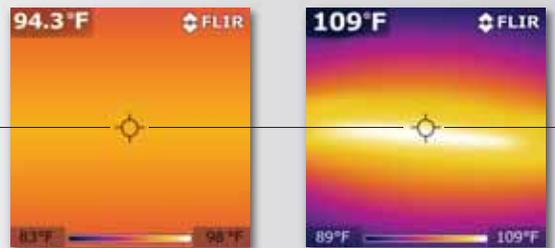
An independent laboratory performed a comparison test on the Northwest Door Therma Tech II™ and a competitor's insulated door. The competitor's door is typical of the industry standard for insulated garage door construction. Both doors were 2" thick, used identical EPS insulation cores and identical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



Lower Temperature with Thermal Break (Northwest Door)

Higher Temperature without Thermal Break (Competitor's)

Section Joints

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

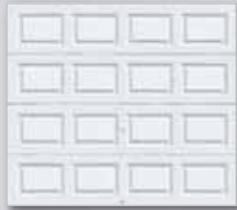


	Therma Tech™ *R 9	Therma Tech II™ *R 10.4	Therma Max™ *R 12	Tri Tech™ *R 16
Contemporary (Flush Face) Model Numbers	108	208	208TM	608
Traditional (Short Panel) Model Numbers	118	218	218TM	618
Ranch (Long Panel) Model Numbers	128	228	228TM	628
Carriage (Carriage Panel) Model Numbers	10C	20C	20CTM	60C

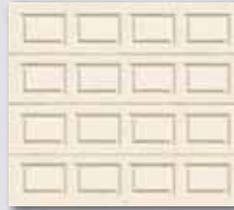
FOUR-COAT PAINT/PROTECTION

(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 complement 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

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

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

Dealer Name:



NORTHWEST DOOR®
Northwest Door, Incorporated
19000 Canyon Road East - Puyallup, WA 98375-9746
800-522-2264 www.northwestdoor.com

