Therma Tech™

Insulated Steel Garage Doors

Therma Tech™     Therma Tech II™     Therma Max™     Tri Tech™

A Tradition of Quality, Since 1946

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

Limited Lifetime Warranty

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.

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.

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

Number of Panels
Traditional - Ranch - Carriage
4
5
6
7
8
9

Width
Door
4
4
6
6
8
8

2
2
3
3
4
4

Standard Configurations
Standard Lift
Low Clearance

Room Hardware Type
Hardware Clearances
Side
12"
3-1/2"
3-1/2"
4-1/2"

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. 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.

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.

Northwest Doors are a great addition to your home. "Northwest Door is family owned and takes great pride in our products and satisfaction of our customers!"

Ask your Door Dealer about our Virtual Showroom Tablet App and visit our Design Gallery at: www.northwestdoor.com

NORTHWEST DOOR®
Northwest Door, LLC
19000 Canyon Road East - Puyallup, WA 98375-9746
2016 Northwest Door, LLC
**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

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.

#### Design Selection

- **Ashton**
- **Cascade**
- **Cathedral**
- **Plain Lite**
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- **Stockbridge**
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Woodgrain Embossed 20”x14” Raised Panels

Traditional Panel, Cascade Windows field painted by others
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.
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

WOODGRAIN EMBOSSED

42”x15” Raised Panels

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.

4”x15” recessed Carriage Panels

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.

DECO HARDWARE KITS

B-Tradiotional Series

C-Americana Series

Carriage Panel, Stockton Windows, Factory Standard
Bright White color, Optional Decorative Hardware Kit "C"
Four Door Series To Meet Every Need

Thera 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.

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 135º Fahrenheit, temperatures were measured for thermal transmission from the front to the back of the door. The Therma Tech II measured 94º F as compared to 109º 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 Thera Tech II with Thermal Break dramatically out performs other insulated garage doors, as shown by the actual infrared thermal images.

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

<table>
<thead>
<tr>
<th>Panel Designs &amp; Model Numbers</th>
<th>Therma Tech™ *R 9</th>
<th>Therma Tech II™ *R 10.4</th>
<th>Therma Max™ *R 12</th>
<th>Tri Tech™ *R 16</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contemporary (Flush Face) Model Numbers</td>
<td>108</td>
<td>208</td>
<td>208TM</td>
<td>608</td>
</tr>
<tr>
<td>Traditional (Short Panel) Model Numbers</td>
<td>118</td>
<td>218</td>
<td>218TM</td>
<td>618</td>
</tr>
<tr>
<td>Ranch (Long Panel) Model Numbers</td>
<td>128</td>
<td>228</td>
<td>228TM</td>
<td>628</td>
</tr>
<tr>
<td>Carriage (Carriage Panel) Model Numbers</td>
<td>10C</td>
<td>20C</td>
<td>20CTM</td>
<td>60C</td>
</tr>
</tbody>
</table>

**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

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Standard Configurations

<table>
<thead>
<tr>
<th>Door Width</th>
<th>Number of Panels</th>
<th>Traditional - Ranch - Carriage</th>
</tr>
</thead>
<tbody>
<tr>
<td>8', 9'</td>
<td>4</td>
<td>2</td>
</tr>
<tr>
<td>10'</td>
<td>5</td>
<td>2</td>
</tr>
<tr>
<td>12'</td>
<td>6</td>
<td>3</td>
</tr>
<tr>
<td>14'</td>
<td>7</td>
<td>3</td>
</tr>
<tr>
<td>16'</td>
<td>8</td>
<td>4</td>
</tr>
<tr>
<td>18'</td>
<td>9</td>
<td>4</td>
</tr>
</tbody>
</table>

Hardware Clearances

<table>
<thead>
<tr>
<th>Clearances</th>
<th>Head Room</th>
<th>Side Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard Lift Low Clearance</td>
<td>12”</td>
<td>3-1/2”</td>
</tr>
<tr>
<td>Low Clearance</td>
<td>3-1/2”</td>
<td>4-1/2”</td>
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THERMA TECH™
WOODGRAIN FINISHES

Insulated Steel Carriage Panel Garage Doors

THERMA TECH™  THERMA TECH III™  THERMA MAX™  TRI TECH™

Door shown is Dark Woodgrain finish with Stockton windows and optional Deco Kit “C” Handles

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.

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

STOCKTON

SHERWOOD

STOCKBRIDGE

CASCADE

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.

LIMITED LIFETIME WARRANTY

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LiftMaster® Northwest Door recommends LiftMaster®

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

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