



Quality People. Quality Products.

We value our customers and manufacture our garage doors with the highest quality workmanship and raw materials.

Our method is simple. We hire quality people driven to produce quality products. We don't just say it - we do it. Together, we find innovative ways to solve problems and continuously improve while working smarter and safer. Our people take pride in their work and strive to provide the highest quality of product and service day in and day out. That's the Haas Door Difference.

As you read forward, allow us to open a door to endless possibilities for you!

haasdoor.com



















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SelectView Options

Glass Options

Window Options

What is U-Factor

Residential Warranty and

Product Gauge Information Wind Load & Accessories

2000 Series

700 Series

600 Series

2400 Series

2500 Series

2" thick / 0.110 Tested U-Factor 1¾" thick / 0.097 Tested U-Factor

2" thick / 0.094 Tested U-Factor

1¾" thick / 0.093 Tested U-Factor

13/8" thick / 0.106 Tested U-Factor

2" thick / 0.215 Tested U-Factor Available with

2" thick / 0.231 Tested U-Factor Available with

Quality & Environmental Commitment p 33

American Tradition™ 9000 Series

Insulated Steel & Overlay Carriage House 25/8" thick / 0.081 Tested U-Factor 2" thick / 0.096 Tested U-Factor Residential Aluminum 360 Series

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Create your garage door, view it on your home and receive a quote at haascreate.com See page 32 for more info.



All U-Factors shown are based on testing solid doors.

Find out what all the **U-Factor** talk is about. See page 28 for more info.

FEATURES American Tradition • 25/8" or 2" Thick with Overlay 9000 series with Full Thermal Break • 0.081 Tested U-Factor (9200 Models); 0.096 Tested U-Factor (9600 Models) • Environmentally Compliant Polyurethane Insulation • 26-Gauge Galvanized Steel • Polyurethane Overlay Boards • 17 Base & Overlay Colors • 42 Door Designs • 10 Window Options • 5 Impact Polycarbonate Glazing Options Florida/Non-Florida Wind Load Impact/Non-Impact Available with Wind Load & Impact Options • Industry Leading Warranty (pg 30) Texas/Non-Texas Wind Load Impact/Non-Impact • Lifetime Rust-Through & Delamination • Finish Warranty (pg 30) • 6 Year Hardware • 5 Year Overlay Delamination LIMITED • 3 Year Spring LIFETIME • 1 Year All Other Components





Most designs are available with plain or arch top sections.







Available in **flush or v-groove base panels**.



All models shown are available with multiple style options: 9200 & 9600 models, flush or v-groove base panel option, and single or double door designs. Most models are available with plain or arch top sections. Some designs can be inverted to match other features on the home. See the best option directly on your home by using our online visualizer at haascreate.com.

WARRANTY













9220/9620 Plain









A **Full Thermal Break** is used in the tongue-and-groove construction of all 9000 series doors. This rigid vinyl extrusion seals the joints and eliminates metal-to-metal contact, which limits the transfer of temperature.

9200 series doors include **Air Infiltration Seals**, which exceed the ASHRAE 90.1 Standard when installed with standard bottom seal and commonly available rigid/flexible vinyl door stop.















9240/9640 Plain







Enjoy the handcrafted quality and rich traditional carriage house style without the maintenance of wood. The American Tradition™ 9000 Series doors contain environmentally compliant polyurethane insulation with a 0.081 or 0.096 tested U-Factor. They are available in twelve solid and five wood grain colors, with an option to mix and match any combination. (examples: almond boards on a sandstone door or carbon black boards on an american walnut door)

Solid Base & Overlay Colors



Polar White



Sahara Tan



Almond



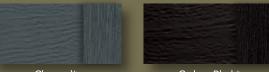
Trinar® Beige



Trinar® Brown*



Brown*



Carbon Black*











Color Notes: Wood grain overlays are handcrafted and can vary slightly in color like real wood.

Trinar® overlay colors are color matched to the steel sections but do not contain the Trinar® additive, therefore fall under standard 5 year overlay warranty.

*These colors include a cool chemistry paint finish on the base door and are not recommended for projects with extreme exposures to heat and sunlight.

Due to the printing process, colors may vary.

For an accurate color match, contact your Haas Door dealer.



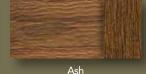


9609 in espresso with espresso overlays



RESERVE SERVE











Graywood







9642 in sandstone with white overlays









Decorative Hardware



Hinges (optional)



Handles (standard)



- .050" Minimum Aluminum **Tublar Extrusion**
- Rust and Corrosion Free
- Commercial-grade Aluminum
- Tongue-and-Groove Section Joints with Air Infiltration Bulb Seal
- Optional Polystyrene Insulated Rails & Stiles
- Custom-matched Color and Powder Coating available
- 16 Insulated Glass Options
- 14 Non-Insulated Glazing Options
- 5 Impact Polycarbonate Glazing Options

(Glazing Options on pg23)











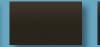


Residential Aluminum

360 series

Solid Colors























RA3601 imes in national cherry with insulated rails and 1/2" dark gray/frosted glass































FEATURES

- 2" or 13/4" Thick with Full Thermal Break
- 0.110 Tested U-Factor (5200 Models); 0.097 Tested U-Factor (5700 Models)
- Environmentally Compliant Polyurethane Insulation
- Corrosion-Resistant Stucco **Embossed Aluminum**
- Air Infiltration Joint Seal (5200 Models)
- Check with dealer for available Wind Load & Impact Options
- Decorative Glass Options (pg 27)
- SelectView Options (pg 22-23)
- 37 Window Options (pg 24-27)
- • Industry Leading Warranty (pg 30)
- Lifetime Delamination
- Finish Warranty (pg 30)
- 6 Year Hardware
- 3 Year Spring
- 1 Year All Other Components











A Full Thermal Break is used in the tongue-and-groove construction of all 5000 series doors. This rigid vinyl extrusion seals the joints and eliminates metal-to-metal contact, which limits the transfer of temperature.

5200 series doors include **Air Infiltration** Seals, which exceed the ASHRAE 90.1 Standard when installed with standard bottom seal and commonly available rigid/flexible vinyl door stop.



Color Option

Insulated Aluminum



Polar White

Panel Options



Flush Stucco Panel Model 5210 (2" thick) Model 5710 (13/4" thick) Carriage Windows p25 & 27 Ranch Windows p26 & 27 TL Windows p26 Standard Windows p24 & 27 SlimLine Windows p26





Raised Ranch Stucco Panel Model 5270 (2" thick) Model 5770 (1¾" thick)

Ranch Windows p26 & 27 Model 5267◊ (2" thick) Model 5767◊ (1¾" thick

Carriage Windows p25 & 27 Model 5287◊ (2" thick)

Model 5780 (1¾" thick) Standard Windows p24 & 27 Model 5268◊ (2" thick) Model 5768◊ (1¾" thick Carriage Windows p25 & 27 Model 5278◊ (2" thick) Model 5778◊ (1¾" thick)

Raised Standard

Model 5280 (2" thick)

Stucco Panel

Model 5787◊ (1¾" thick) Standard Windows p24 & 27

and panel stamp configurations align.

Color Options

Wood Grain



Bi-Directional

Bi-Directional

Bi-Directional

Bi-Directional Mahogany*



Uni-Directional American Walnut

Uni-Directional English Oak

Uni-Directional

Uni-Directional



Uni-Directional Graywood

Cedar

American

English Oak

Plank and Bi-Directionals color options feature a light stucco embossment. Uni-Directionals color options feature a wood grain embossment. *Bi-Directional colors are available on 60, 61, 63, and 64 models with or without windows. They are only available on 71, 72, 73, 74, 81 and 82 models without windows.

Solid





Trinar® Beige



Gray





Charcoal**



Trinar® Brown**

Carbon Black**



Due to the printing process, colors may vary. For accurate color samples, contact a Haas Door dealer for a color selector.

FEATURES

- 2" Thick with Full Thermal Break
- 0.094 Tested U-Factor with an Air Infiltration Joint Seal that meets IECC Requirements
- Environmentally Compliant Polyurethane Insulation
- 26-Gauge Galvanized Steel
- Available with Wind Load & Impact Options
- Decorative Glass Options (pg 27)
- SelectView Options (pg 22-23)
- 37 Window Options (pg 24-27)
- Industry Leading Warranty (pg 30)
 - Lifetime Rust-Through & Delamination
 - Finish Warranty (pg 30)
 - 6 Year Hardware
 - 3 Year Spring
 - 1 Year All Other Components



2000 series doors include Air Infiltration Seals, which exceed the ASHRAE 90.1 Standard when installed with standard bottom seal and commonly available rigid/flexible vinyl door stop.

A Full Thermal Break is used in the tongue-andgroove construction. This rigid vinyl extrusion seals the joints and eliminates metal-to-metal contact, which limits the transfer of temperature.









Panel Options



Flush Panel Model 2010

All colors except Bi-Directional wood grains Carriage Windows p25 & 27 Ranch Windows p26 & 27 TL Windows p26 Standard Windows p24 & 27 SlimLine Windows p26



V-Groove Panel Model 2012

All colors except Bi-Directional wood grain & Plank options Carriage Windows p25 & 27 TL Windows p26 SlimLine Windows p26



Ribbed Short Panel Model 2060 Carriage Windows p25 & 27

Model 2072 Ranch Windows p26 & 27 Model 2082**◊** Standard Windows p24 & 27



Recessed Short Panel Model 2061 Carriage Windows p25 & 27

Model 2071 Ranch Windows p26 & 27 **Model 2081**◊

Standard Windows p24 & 27



Ribbed Long Panel Model 2064

Carriage Windows p25 & 27 Model 2074 Ranch Windows p26 & 27



Recessed Long Panel Model 2063

(Not available in 24" sections)
Carriage Windows p25 & 27 Model 2073 ◊

(Not available in 24" section Ranch Windows p26 & 27



Raised Ranch Panel Model 2070

Standard Windows p24 & 27

Model 2067◊

Model 2087◊

Ranch Windows p26 & 27 Carriage Windows p25 & 27



Model 2080

Raised Standard Panel



Raised Sculptured Panel Model 2090

Standard Windows p24 & 27 **Model 2069**◊ Carriage Windows p25 & 27

Model 2079◊ Ranch Windows p26 & 27

English Oak

Plank and Bi-Directionals color options feature a light stucco embossment.
Uni-Directionals color options feature a wood grain embossment.
*Bi-Directional colors are available on 60, 61, 63, and 64 models
with or without windows. They are only available on 71, 72, 73, 74, 81 and 82

Solid









Gray



Charcoal**

**These colors include a cool chemistry paint finish but is not recommended for projects with extreme exposures to heat and sunlight.

> Due to the printing process, colors may vary. For accurate color samples, contact a Haas Door dealer for a color selector.

FEATURES



- 0.093 Tested U-Factor
- Environmentally Compliant Polyurethane Insulation
- 26-Gauge Galvanized Steel
- Available with Wind Load & Impact Options
- Decorative Glass Options (pg 27)
- SelectView Options (pg 22-23)
- 37 Window Options (pg 24-27)
- Industry Leading Warranty (pg 30)
- Lifetime Rust-Through & Delamination
- Finish Warranty (pg 30)
- 6 Year Hardware
- 3 Year Spring
- 1 Year All Other Components



A Full Thermal Break is used in the tongueand-groove construction of all 700 series doors. This rigid vinyl extrusion seals the joints and eliminates metal-to-metal contact, which limits the transfer of temperature.



MIAMI-DADE COUNTY Wind Load Wind Load LIMITED / / Uin charcoal with prairieview decorative glass windows







700 series

Panel Options



Flush Panel Model 710

Bi-Directional wood grains Carriage Windows p25 & 27 Ranch Windows p26 & 27 Standard Windows p24 & 27 SlimLine Windows p26



V-Groove Panel Model 712

wood grain & Plank options Carriage Windows p25 & 27 TL Windows p26 SlimLine Windows p26



Ribbed Short Panel Model 760

Model 772 Ranch Windows p26 & 27 Model 782◊ Standard Windows p24 & 27



Recessed Short Panel Model 761

Model 771 Ranch Windows p26 & 27 **Model 781**◊

Standard Windows p24 & 27



Ribbed Long Panel Model 764

Model 774



Recessed Long Panel Model 763

(Not available in 24" sections) Carriage Windows p25 & 27 Model 773◊

Ranch Windows p26 & 27



Raised Ranch Panel Model 770

Ranch Windows p26 & 27 Model 767◊

Model 787◊ Standard Windows p24 & 27



Raised Standard Panel Model 780

Model 768◊

Model 778◊ Ranch Windows p26 & 27



Raised Sculptured Panel Model 790

Standard Windows p24 & 27 Model 769◊ Carriage Windows p25 & 27 Model 779◊

Ranch Windows p26 & 27

600 series

Color Options

Wood Grain



American Walnut* English Oak*



Uni-Directional Uni-Directional Uni-Directional American Walnut English Oak

Cedar Uni-Directional Graywood Plank

American Walnut Plank

English Oak

Mahogany*

Uni-Directional

Plank and Bi-Directionals color options feature a light stucco embossment. Uni-Directionals color options feature a wood grain embossment. *Bi-Directional colors are available on 60, 61, 63, and 64 models models without windows.

Solid





Trinar® Beige



Gray

Bronze**

Trinar® Brown**

Brown**



Charcoal**



Carbon Black**

**These colors include a cool chemistry paint finish but is not recommended for projects with extreme exposures to heat and sunlight.

Due to the printing process, colors may vary. For accurate color samples, contact a Haas Door dealer for a color selector.

FEATURES • 13/8" Thick with Full Thermal Break • 0.106 Tested U-Factor Environmentally Compliant Polyurethane Insulation • 26-Gauge Galvanized Steel • Available with Wind Load & Impact Options • Decorative Glass Options (pg 27) SelectView Options (pg 22-23) • 37 Window Options (pg 24-27) • Industry Leading Warranty (pg 30) • Lifetime Rust-Through & Delamination • Finish Warranty (pg 30) • 6 Year Hardware • 3 Year Spring • 1 Year All Other Components A Full Thermal Break is used in the tongueand-groove construction of all 600 series doors. This rigid vinyl extrusion seals the

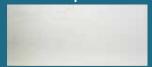




Vind Load



Panel Options



Flush Panel Model 610

All colors except Bi-Directional wood grains Carriage Windows p25 & 27 Ranch Windows p26 & 27 Standard Windows p24 & 27 SlimLine Windows p26



V-Groove Panel Model 612

All colors except Bi-Directional wood grain & Plank options Carriage Windows p25 & 27 TL Windows p26 SlimLine Windows p26



Ribbed Short Panel Model 660

Carriage Windows p25 & 27 Model 672 Ranch Windows p26 & 27





joints and eliminates metal-to-metal contact,

which limits the transfer of temperature.

Recessed Short Panel Model 661

Carriage Windows p25 & 27 Model 671 Ranch Windows p26 & 27

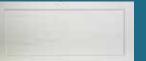
Model 681◊ Standard Windows p24 & 27



LIFETIME

Ribbed Long Panel Model 664

Carriage Windows p25 & 27 Model 674 Ranch Windows p26 & 27



Recessed Long Panel Model 663

(Not available in 24" sections)
Carriage Windows p25 & 27 Model 673◊

(Not available in 24" sections) Ranch Windows p26 & 27



Raised Ranch Panel Model 670

Ranch Windows p26 & 27 Model 6670 Carriage Windows p25 & 27

Model 687◊ Standard Windows p24 & 27



Raised Standard Panel Model 680

Standard Windows p24 & 27 Model 668◊

in carbon black with 3-pane windows

Vind Load

Carriage Windows p25 & 27 Model 678◊ Ranch Windows p26 & 27



Raised Sculptured Panel Model 690 Standard Windows p24 & 27

Model 669◊ Carriage Windows p25 & 27 Model 679◊

Ranch Windows p26 & 27

Insulated Steel 17











Color Options



Polar White

Carbon Black***



English Oak





but is not recommended for projects with

extreme exposures to heat and sunlight.

Due to the printing process, colors may vary. For accurate color samples, contact a Haas Door dealer for a color selector.

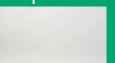






* L indicates energy efficient insulated laminate back option

Panel Options —



Flush Panel Model 2410/2410L* Model 2460/2460L* Carriage Windows p25 & 27 Ranch Windows p26 & 27 TL Windows p26 Standard Windows p24 & 27 Wodel 2482/2482L*



Standard Windows p24 & 27

Recessed Short Panel**
Model 2461/2461L*
Carriage Windows p25 & 27
Model 2471/2471L*
Ranch Windows p26 & 27
Model 2481/2481L*
Standard Windows p24 & 27



Raised Ranch Panel R Model 2470/2470L*



Raised Standard Panel Model 2480/2480L* Standard Windows p24 & 27

** indicates panel is not available in 18" sections















***These colors include a cool chemistry paint finish but is not recommended for projects with extreme exposures to heat and sunlight.

Due to the printing process, colors may vary. For accurate color samples



Insulated Laminate Back (L) - inside view

 * Lindicates energy efficient insulated laminate back optior

** indicates panel is not availab in 18" sections



Ribbed Short Panel**
Model 2560/2560L*
Carriage Windows p25 & 27
Model 2572/2572L*
Ranch Windows p26 & 27
Model 2582/2582L*
Standard Windows p24 & 27

Recessed Short Panel**
Model 2561/2561L*
Carriage Windows p25 & 27
Model 2571/2571L*
Ranch Windows p26 & 27
Model 2581/2581L*

Raised Ranch Panel Model 2570/2570L* Ranch Windows p26 & 27

Raised Standard Panel Model 2580/2580L* Standard Windows p24 & 27

SelectView Options

WHITH.

THUTH

SelectView by Haas Door allows you to break out of the mold of a traditional garage door by placing windows in multiple patterns dependent on the window openings you desire. Whether you desire a modern take on a wood grain door or wish to match the window pattern to an entrance door, SelectView makes it easy to create a unique garage door window pattern to complement the style of your home or create a unique look. **Wind Load and impact requirements limit window placements and window options.**



WHITE

Carriage House Options

- Add windows to a flush door to create a modern, custom look to fit your home.
- Available in Flush panel models.
- Available with Decorative glass, Specialty glass & inserts.
- Largest glass window size 39 7/16" x 13 5/8".

(Possibilities shown below, many more available)





4011

TAVIIA

901Hz

YAK.

427/

42742

TL Options

WHITE

- Take the ordinary residential door to extraordinary.
- Available in Flush and V-Groove models.
- Available in Clear or Frosted Glass
- 25" x 12" and 24" x 6" window sizes
- Large outer window frame matches door color, small outer window frame available in black or white.

(Possibilities shown below, many more available)

					· /	,			
		TAPITA	TANTIA	YUU.			TATITA		900
TANK TA	TANTA	TANKA.	TAGETTA.				TATITA	<i>934</i> 2	4000
TANITA	THEFTA	TANKA .	TAGIFA.				TATETA		400
		TAVIJA	TAUSTA	974			TATITA		



Standard Options

- Mix windows & standard panels for a unique look.
- Available in Raised Standard stamped panel models.
- Available with Decorative glass, Specialty glass & inserts.
- 18 3/8" x 11 3/8" window size for 5000, 2000, 700 and 600 Series 17 3/8" x 11 3/8" window size for 2400 & 2500 Series.
- 2400 & 2500 Series are limited to 1 lite in bottom section



(Possibilities shown above, many more available)



Ranch Options

- Create curb appeal with windows and panels.
- Available in Raised Ranch stamped panel models.
- Available with Decorative glass, Specialty glass & inserts.
- 39 3/8" x 11 1/2" size window.

(Possibilities shown below, many more available)



SlimLine Options

- Modern and sleek windows available in Flush or V-Groove panel models.
- Available with Specialty glass. (Not available with Translucent Mirror)
- 40 7/8" x 7" size window.
- Outer window frame match door color, or available in black.

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4 6 . 4 6	4 4 - 4 4		* * * * *	4 6 - 4 - 6

(Possibilities shown above, many more available)

Glass Options

Insulated





Non-Insulated

Clear



Light Gray



Dark Gray



Bronze



Obscure



Arctic



Reed





Frosted Clear Polycarbonate 23

Glass Options (continued)

Impact Polycarbonate

(UV rating on Clear only)









Pebble Bronze



Frosted

Additional Residential Aluminum Non-Insulated





Frosted Safety

Laminate



Wire

Clear Safety Laminate

Reflective Bronze

Window Options Standard Series

5210, 5280, 5287 2010, 2080, 2081, 2082, 2087, 2090 1/2" Insulated Tempered

5710, 5780, 5787 710, 780, 781, 782, 787, 790 610, 680, 681, 682, 687, 690 1/8" Tempered - Clear, Frosted 1/2" Insulated Tempered

2410, 2480, 2481, 2482 2580, 2581, 2582 1/8" Tempered - Clear, Frosted

Cascade



Cathedral



Colonial



Plain



Prairie



Sherwood



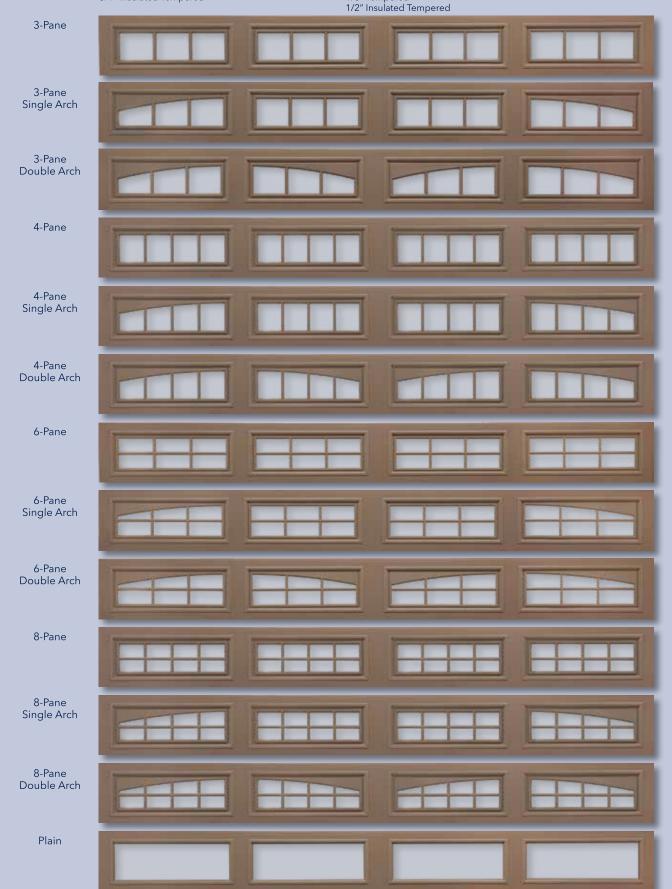
Window Options

Carriage House Series (not available in 18" sections)

5210, 5212, 5267, 5268 2010, 2012, 2060, 2061, 2063, 2064, 2067, 2068, 2069

3/4" Insulated Tempered

5710, 5712, 5767, 5768 710, 712, 760, 761, 763, 764, 767, 768, 769 610, 612, 660, 661, 663, 664, 667, 668, 669 2410, 2460, 2461 2560, 2561 1/8" Tempered



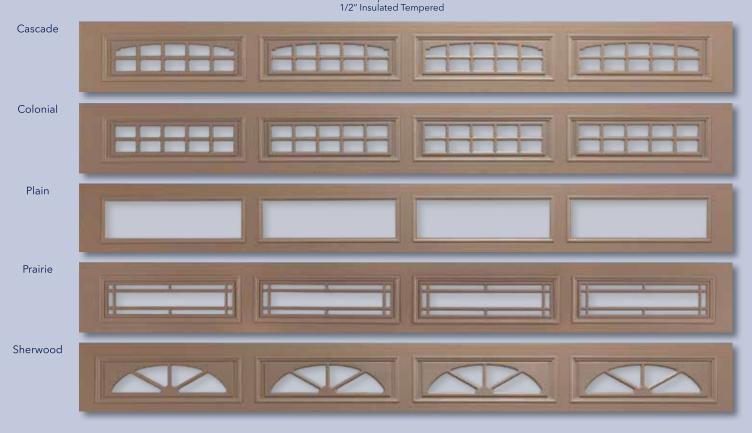
Window Options

Ranch Series

5210, 5270, 5278 2010, 2070, 2071, 2072, 2073, 2074, 2078, 2079 1/2" Insulated Tempered

5710, 5770, 5778 710, 770, 771, 772, 773, 774, 778, 779 610, 670, 671, 672, 673, 674, 678, 679 1/8" Tempered

2410, 2470, 2471, 2472 2570, 2571, 2572 1/8" Tempered



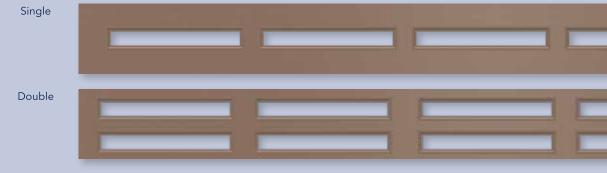
SlimLine

710, 712, 5710, 5712

7/8" Insulated Tempered Outer frame available in Black or painted to match the door color. White inside frame.

610, 612, 2010, 2012, 5210, 5212

1/2" Insulated Tempered Outer frame available in Black or painted to match the door color. White inside frame.



TL Series

26

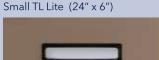
TL Lite (25" x 12")

5210, 5212, 2010, 2012

3/4" Insulated Tempered - Clear , Frosted or Obscure Outer frame matches door color. White inside frame

5710, 5712, 710, 712, 610, 612 1/2" Insulated Tempered - Clear,

Frosted or Obscure Outer frame matches door color. White inside frame.



5210, 5212, 2410L

3/4" Insulated Tempered - Clear or Frosted Outer frame available in Black or White. White inside frame.

5710, 5712, 710, 712, 610, 612 1/2" Insulated Tempered - Clear or Frosted

Outer frame available in Black or White. White inside frame.

1/8" Tempered - Clear or Frosted Outer frame available in Black or

Decorative Glass Window Options (more details on haasdoor.com)

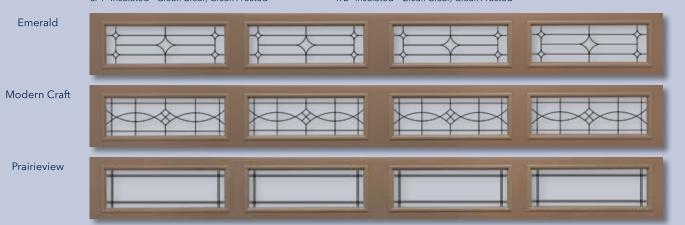
Carriage House Series (not available in 18" sections)

5210, 5212, 5267, 5268 2010, 2012, 2060, 2061, 2063, 2064, 2067, 2068, 2069

3/4" Insulated - Clear/Clear, Clear/Frosted

5710, 5712, 5767, 5768 710, 712, 760, 761, 763, 764, 767, 768, 769 610, 612, 660, 661, 663, 664, 667, 668, 669 1/2" Insulated - Clear/Clear, Clear/Frosted

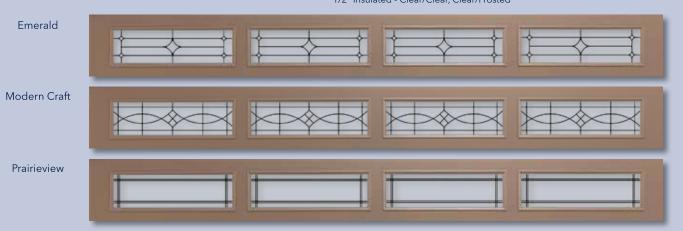
2410, 2460, 2461 2560, 2561 1/8" Tempered - Clear



Ranch Series

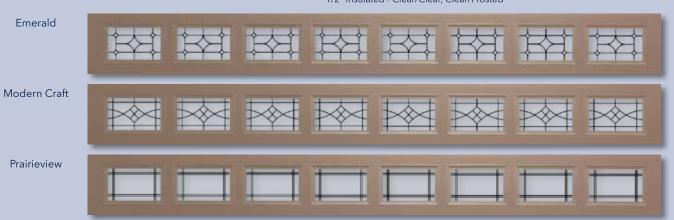
5210, 5270, 5278 2010, 2070, 2071, 2072, 2073, 2074, 2078, 2079

5710, 5770, 5778 710, 770, 771, 772, 773, 774, 778, 779 610, 670, 671, 672, 673, 674, 678, 679 2410, 2470, 2471, 2472 2570, 2571, 2572 1/8" Tempered - Clear



Standard Series

5210, 5280, 5287 2010, 2080, 2081, 2082, 2087, 2090 1/2" Insulated - Clear/Clear, Clear/Frosted 5710, 5780, 5787 710, 780, 781, 782, 787, 790 610, 680, 681, 682, 687, 690 1/2" Insulated - Clear/Clear, Clear/Frosted 2410, 2480, 2481, 2482 2580, 2581, 2582 1/8" Tempered - Clear

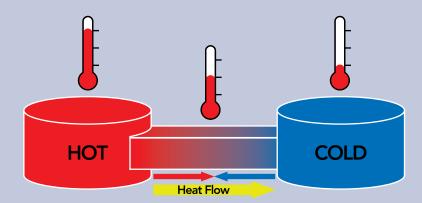


What is U-Factor?

The tested U-Factor is the measurement of heat (energy) transfer from warmer side to colder side of the garage door (in our case). Heat transfer is not desired because it means the loss of energy from conditioned spaces.

A lower U-Factor indicates less heat transfer and better thermal performance.

It is the preferred method for building codes thermal performance, and architects use U-Factors to calculate building envelope energy loads. U-Factor tests the whole, installed assembly. Energy Star Fenestration products and knowledgeable professionals recognize and use U-Factor.



Without insulation or thermal break to stop it, energy will transfer through the door.

Who is requesting this industry standard?

Door & Access Systems Manufacturers Association (DASMA) has setup a verification program to provide industry wide standardization of marketing the thermal performance of sectional garage doors. This program represents a shift in how sectional garage doors thermal performance is rated, from traditional R-Value to more accurate and relevant 3rd party tested door assembly U-Factor.

DASMA and the program participants agree to increased consistency, and transparency by sharing tested data, allowing customers to compare product quality facts. More detailed information about the program and U-Factors are available at **www.dasma.com/thermal**.



Why is a tested U-Factor better than a calculated R-Value?

Tested U-Factor

- U-Factor tests the whole installed assembly which includes section joint, lites, stile attachment, etc. more relevant to thermal performance
- Third party tested and validated by the program administrator
- All manufacturers using the same testing methods ANSI/DASMA 105
- Tests measure the actual heat/energy transfer
- All manufacturer results will be a direct comparison to one another

Calculated R-Value

- Only one section is calculated and provides the insulating effect through the "center" of a door section only, not the entire door
- Independently calculated by each manufacturer not validated
- No testing standard resulting in a wide interpretation of the calculation
- Calculates the resistance to thermal transfer

How does this benefit you?

This shift to tested U-Factor measurements sets a standard all manufacturers in the program ahere to. Tested products included in the program must be submitted to the program administrator. Only tested products in the program can list U-Factor data. This is the most reliable thermal performance indicator in the industry. Manufacturers in the program are stepping forward and formally having their products tested to prove quality.

Comparison of products between manufacturers has never been easier or more accurate. All tested products are required to be labeled with DASMA thermal performance verification displaying testing results. For accurate data and product comparison, choose products that have been tested through this program.

Establishing the standard testing procedure, and having a third party accredited lab perform and record the testing data provides consistency across the industry. Special guidelines have been put in place to properly market the U-Factor information as well. This removes any possible confusion from one manufacturer to another.

How can I tell if the product has been tested?

The use of DASMA thermal performance Badge, Label, or Icon will quickly identify products included in the program.

for other product performance information.



Badge





Label

www.dasma.com/thermal

Residential Warranty & Product Gauge Information

American Tradition™ 9000 Series

Insulated 26 Gauge Galvanized Steel & Overlay Lifetime Delamination and Rust-Through Warranty Steel Base Section Finish Warranty

- 35 Year for Trinar® Colors
- 10 Year for Solid and Wood Grain Colors

6 Year Hardware Warranty

5 Year Overlay Delamination Warranty

• Solid, Wood Grain and Trinar® Colors

3 Year Spring Warranty

1 Year All Other Components

Residential Aluminum 360 Series

.050" Minimum Aluminum Tubular Extrusion

6 Year Hardware Warranty

5 Year Finish Warranty

3 Year Spring Warranty

1 Year All Other Components

5000 Series

Insulated 24 Gauge Aluminum

Lifetime Delamination Warranty

10 Year Finish Warranty

6 Year Hardware Warranty

3 Year Spring Warranty

1 Year All Other Components

2000, 700, 600 Series

Insulated 26 Gauge Galvanized Steel Lifetime Delamination and Rust-Through Warranty Finish Warranty

- 35 Year for Trinar® Colors
- 12 Year for Plank Colors
- 10 Year for Soild and Wood Grain Colors

6 Year Hardware Warranty

3 Year Spring Warranty

1 Year All Other Components

2400 Series

24 Gauge Galvanized Steel

Lifetime Rust-Through Warranty

6 Year Hardware Warranty

3 Year Spring Warranty

1 Year All Other Components

2500 Series

24 Gauge Nominal Galvanized Steel

Lifetime Rust-Through Warranty

3 Year Hardware Warranty

3 Year Spring Warranty

1 Year All Other Components





Wind Load

Haas garage doors are available in a wide range of design pressures for wind load requirements. Contact your local dealer for more information about wind load requirements in your area.











Advanced Paint System

All Haas garage doors include a corrosion-resistant protective finish with a polyurethane primer and a durable polyester clear coat on the interior and exterior. Traditional and Plank wood grain colors include an additional ink layer. Haas Door's paint thickness is one of the highest in the industry.

Standard solid and traditional wood grain colors include a 10-year finish warranty, Plank wood grain colors have a 12-year finish warranty, and Trinar® solid colors come with a 35-year finish warranty.



Solid



Wood Grain



Plank

Weather Seal

Haas garage doors include a heavy vinyl bottom weather seal that seals out the elements and repels the most hostile weather conditions.





Insulated Models

2400 & 2500 Series

Accessories

Optional decorative hardware is available on most models.



Handles (optional, standard on 9000 series)



Black nylon, white nylon, 10 ball steel roller



Powder Coated Hardware Options



Haas Door's popular HaasCreate visualizer tool allows homeowners and business owners to create their dream garage door and see how it will look digitally on their own house or building.

HaasCreate can directly connect users to a Haas Door trusted dealer in their area through the platform, allowing them to receive a quote for their specific project.

Users also are able to browse Haas Door's wide range of garage door styles and options, create and save multiple projects, and even share images of their virtual projects on social media. This tool also allows users to email a dealer through the system to ask specific questions they may have and even arrange a visit with the dealer, all in one place.

Scan the QR code to go to HaasCreate and start designing your door.



HAASCREATE FEATURES

- Share your project directly with a dealer to get in contact with an experienced Haas Door installer.
- Choose everything on your door, from color to window placement, material to thermal performance.
- Share your door selections on social media or print a PDF of your project.
- Sign in to save your projects and quickly access them in the future.

Want to learn more? Scan the QR code to read more about HaasCreate on haasdoor.com.



Haas Door is Committed to Quality.

As a member of the Door and Access Systems Manufacturers Association (DASMA), Haas Door is committed to industry standards for quality and safety. In addition to these guidelines, Haas Door has developed its own quality assurance procedures.

Each raw material used in the manufacturing process is inspected daily for quality assurance. Steel used on the inside and outside skins is checked for accuracy in thickness and finish. The insulation material, a high density environmentally compliant polyurethane foam, is tested continuously on each production line to ensure that the correct density, blend of material, cure time and tested U-Factors are achieved.

Samples of manufactured doors are tested for quality and durability. Doors are cycled tens of thousands of times to test the performance and endurance of the sections, hinges, springs, cables, rollers, bottom seals, and track. Strength is measured using two separate tests. Individual sections are subjected to a dead load test, and complete doors are wind load tested. This ensures that Haas garage doors will meet wind load requirements for building codes across the country.

Haas continues to perform testing outside of the manufacturing facility, as both prototype and current doors are installed in various locations and monitored for durability. External labs are also used to test specific components to ensure quality standards.

Quality people and quality products are what make Haas Door the best garage door manufacturer in the industry. Open the door to endless possibilities!





Environmental Responsibility

Haas Door Company manufactures all garage doors in the U.S. and is committed to providing quality products that are safe for our customers and to the environment. Haas garage doors are made from steel that contains 80% recycled material. A plastic thermal break, made with recycled materials, separates each door section to eliminate metal-to-metal contact and the transfer of temperature. Haas also uses environmentally compliant polyurethane insulation, which results in some of the most energy-efficient doors on the market. Good for the environment and saves energy!

Haas Door has also implemented an ongoing improvement plan to gain efficiency and reduce waste, including a recycling program for scrap metal, cardboard and plastic. Many suppliers are regional, which minimizes fuel costs, and material packaging is reused or recycled whenever possible.



















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320 Sycamore Wauseon, OH 43567





open the door to endless possibilities