



# RESIDENTIAL

## Buyer's Guide

THE DOOR TO QUALITY.





*Few doors in your home get more use than your garage door - it truly is the largest moving object in your house. More than any other door, it needs to work dependably and stand up to the elements for years on end. Built to meet these challenges – and look good doing it – C.H.I. garage doors give you a wide range of options that fit your home's individuality and help you maintain your investment in it.*



STRONG. BEAUTIFUL.

Made with only the finest materials and built by some of the most skilled craftsmen in the business, all of our residential doors are designed with precision to add beauty and value to your home.



Pictured. 9' x 8' 5431A doors field stained with optional madison windows and wrought iron hardware

TOUGH. DEPENDABLE. LONG-LASTING.







## ***CARRIAGE HOUSE COLLECTION***

The carriage house style has been a fundamental design for decades. Whether it's the 5500 series fiberglass exterior, 5400 series wood exterior, or 5300 series pre-finished steel; you will always get the look of an old-world carriage house door. The numerous hardware, decorative window, and designer glass options will continue to add character and value to your home for years of trouble-free service.

**Pictured.** 16' x 7' 5534A almond with optional 2-2 pc. stockton windows and optional 2-sets of wrought iron hardware

Models 5531-32-33-34  
Models 5331-32-33-34  
are available in

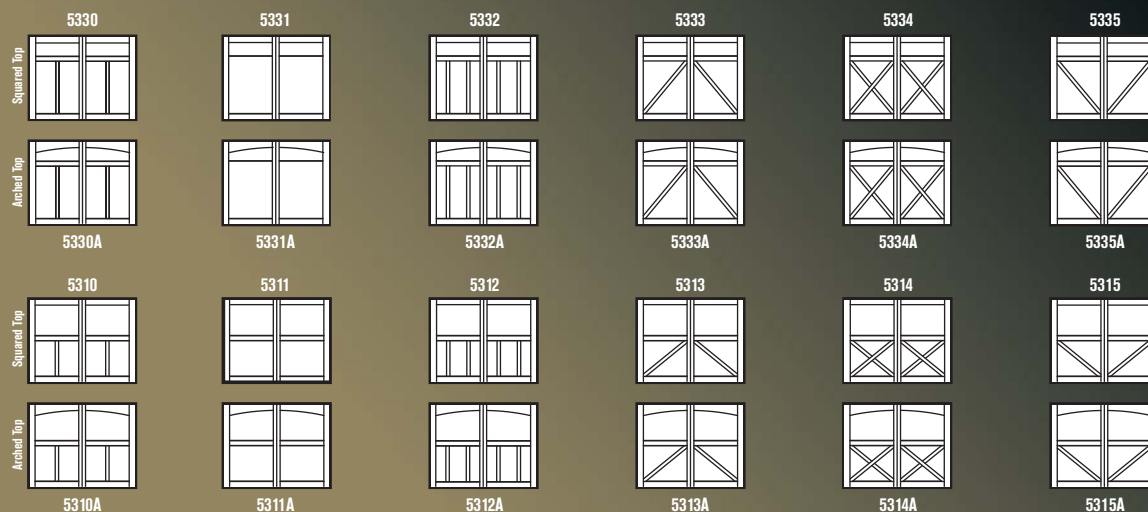




**MODEL 5500**    **Fiberglass Exterior**

**MODEL 5400**    **Wood Exterior**

**MODEL 5300**    **Pre-finished Steel Exterior**



{ Above designs vary depending on door widths and are available for the 5400 and 5500 models. }

9' x 7' 5332A white with optional arched madison windows and stamped exterior hardware.

- The 5500 and 5300 exterior is factory-finished in three optional designer colors: white, almond or sandstone
- The 5400 base sections and cedar accent battens come unfinished<sup>2</sup> as standard and are field paintable or stainable
- Virgin vinyl bottom seal with aluminum retainer
- Optional Appearance Package<sup>4</sup> upgrade available
- Interior is factory-finished in white
- Optional glass is available in clear glass, glue chip pattern or seeded glass
- Double glass sections available in all models 10 through 15
- Section joints utilize a ship-lap design for protection from the elements
- Concealed steel plates run continuously from top to bottom of each section for fastening hardware
- 1-set of stamped decorative hardware is standard for all doors or add optional Wrought Iron designs to replicate an old-world look
- All models ASHRAE Calculated R-value<sup>1</sup>: 6.29

#### 5500 DOOR CONSTRUCTION

Polystyrene insulation is sandwiched between high performance steel skins. The interior skin is always white. The exterior fiberglass skin is extremely impact-resistant and available in three designer colors.



FEATURES

For additional information, please see numbered end-notes on inside back cover.

CHARACTER. TRADITIONAL.







## ***IMPACT RESISTANT MOLDED FIBERGLASS DOORS***

Your home reflects who you are and allows you to make the statement you choose. The largest door on your home will only add to that personalized statement. C.H.I. offers an additional way in which to do this with the high definition distinguishing look offered by this impact resistant molded fiberglass door. Created for those who choose to create a statement.

**Pictured.** 9' x 8' 2702 almond doors



9' x 7' 2702 white with Arched Somerset windows with brass coming.

**MODEL 2701** Insulated

**MODEL 2702** Insulated

**MODEL 2703** Insulated

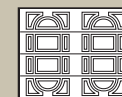
- The sections are 2" thick with a formed fiberglass face and a 25-gauge (.0186 min.) flush steel, interior skin that is factory-finished in white
- Exterior skins are factory-finished in six designer colors: white, almond, evergreen, mahogany, walnut and oak with optional wood-tone available in oak, mahogany and walnut
- Unfinished<sup>2</sup> (gray) exterior skins are available for field gel staining
- Optional 1/2" insulated designer lites are available with a beveled acrylic face and 1/8" DSB obscure glass back with brass or platinum coming
- Optional Appearance Package<sup>4</sup> upgrade available
- Concealed steel plates run continuously from top to bottom of each section for fastening hardware
- White painted end stiles
- Bottom weather seal utilizes an aluminum retainer and extruded virgin vinyl
- Available widths: 8', 9', 10', 12', 16', 17' and 18'
- Available heights: 7' to 14' in 3" height increments (except 8'3", 8'6" and 10'3")
- All models ASHRAE Calculated R-value<sup>1</sup>: 14.44
- Patented Design



2701



2702



2703

## DOOR CONSTRUCTION

The sections are 2" thick with a polyurethane injected core between a formed fiberglass face and a 25-gauge flush steel interior skin that is thermally-broken for optimum weather protection.



## FEATURES

REFINED. INTRIGUING.



For additional information, please see numbered end-notes on inside back cover.





## ***PAN OVERLAY CARRIAGE HOUSE COLLECTION***

Perfectly combining elegant design with economical sensibility, the 5000/5100 Series pan overlay carriage house door has it all. The wood-grain embossed steel base section is perfectly complimented by the smooth white overlays. Choosing either a sandstone or almond color for the base section creates a beautiful dual-tone look, unique to this Carriage House Collection. This exciting door series provides exclusive style, available for any home.

**Pictured.** 16' x 7' 5134 white overlays, field painted sections with optional 2-2 piece arched stockton windows and 2-sets of stamped hardware





**MODEL 5000**    **Uninsulated, 24-Gauge**

**MODEL 5100**    **Insulated 1-3/8" Polystyrene**



8' x 7' 5032 white overlays and sandstone sections with optional madison windows and optional wrought iron hardware.

- Base sections are formed from heavy, 24-gauge galvanized high quality steel
- Environmentally friendly overlays are always white and have a low coefficient of thermal expansion that are attached by both adhesive and mechanical fasteners
- Extra heavy paint system<sup>3</sup> in your choice of white, almond or sandstone
- Inside stiles are made of galvanized steel and stile holes are "dimpled" for increased holding power
- **Model 5100** includes 1-3/8" polystyrene insulation with a vinyl back cover
- Optional Appearance Package<sup>4</sup> upgrade available
- Optional glass is available in plain, glue chip pattern, seeded, or polycarbonate glass
- Faux windows are an option with the background color always being black and can be combined with all window section options
- 1-set of stamped decorative hardware is standard for all doors or add optional Wrought Iron designs to replicate an old-world look
- **Model 5100** ASHRAE Calculated R-value<sup>1</sup>: 6.85



5031



5032



5033



5034

#### 5100 DOOR CONSTRUCTION

This model utilizes a 24-gauge exterior steel skin with 1-3/8" thick polystyrene insulation with a vinyl back cover. The tongue-and-groove section joint design produces a superior weather seal.



FEATURES

EXCLUSIVE. SENSIBLE.

For additional information, please see numbered end-notes on inside back cover.



## ***RECESSED PANEL ALL-METAL CARRIAGE HOUSE COLLECTION***

The 5290 doors are designed and built by some of the best craftsmen in the country. The wide variety of designs available with this model offer numerous looks that will add charm to your home for years to come. With the multiple options including designer inserts, glass variations, and external hardware it is easy to customize this door to acquire that unique design you have been looking for. The foremost beauty of this door is in its construction. An all-metal exterior is used on the panels as well as the overlays to ensure years of worry free maintenance. This coupled with the unique look of a true wood panel door will certainly make this premium door an easy selection.

**Pictured.** 9' x 7' 5293 white doors with optional cascade windows and stamped hardware



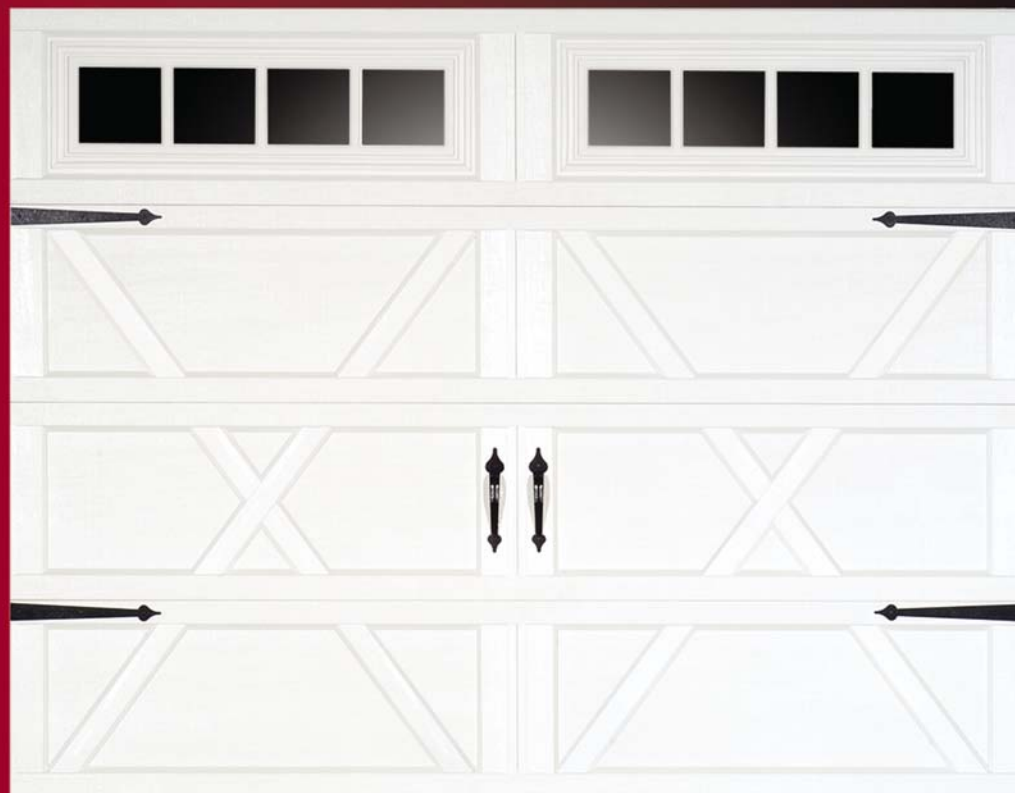


**MODEL 5291** Long Panel, Insulated

**MODEL 5292** Short Panel, Insulated

**MODEL 5293** Single-Buck, Insulated

**MODEL 5294** Cross-Bucks, Insulated



9' x 7' 5294 white with optional madison windows and stamped exterior hardware.

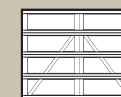
- Door sections are formed from 25-gauge exterior and 27-gauge interior galvanized draw quality steel
- Double-sided steel doors are 2" thick
- Extra heavy paint system<sup>3</sup> in your choice of white, almond or sandstone
- Optional glass is available in clear glass, seeded or a glue chip pattern
- Custom coated designed springs for smooth operation and easy lifting
- High-density polyurethane injected core
- Section joints are roll-formed into a tongue-and-groove design which produces a superior weather seal
- Optional Endurance and Appearance Package<sup>4</sup> upgrades available
- 1-set of stamped decorative hardware is standard for all doors or add optional Wrought Iron designs to replicate an old-world look
- Bottom weather seal utilizes an aluminum retainer and extruded virgin vinyl
- Long-lasting durable rollers assure consistent, efficient operation
- All Models ASHRAE Calculated R-value<sup>1</sup>: 9.6



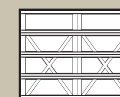
5291



5292



5293



5294

## DOOR CONSTRUCTION

These models utilize 25-gauge exterior and 27-gauge interior steel skins. Filled with foamed-in-place polyurethane to better safeguard against the elements and add structural rigidity to an already durable model.



FEATURES

For additional information, please see numbered end-notes on inside back cover.

CAPTIVATING. STRIKING.



## ***ALL-STEEL SANDWICH TYPE CARRIAGE HOUSE COLLECTION***

For beauty and durability, the 5216 and 5283 Carriage House sandwich doors from C.H.I. are a great choice. Both models replicate the look of a traditional carriage house door while increasing structural rigidity and R-value by encasing insulation between two steel skins. This allows you, the homeowner, to combine energy savings with the elegance of the old-world craftsmanship. Multiple color, hardware and window options provide a custom look that adds value and curb appeal for years to come.

**Pictured.** 16' x 7' 5216 white with optional cascade windows and stamped hardware

This model also available in  
**C.H.I. OVERHEAD DOORS**  
**WINDBREAKER**  
**SERIES**





**MODEL 5283** Insulated Polystyrene

**MODEL 5216** Insulated Polyurethane

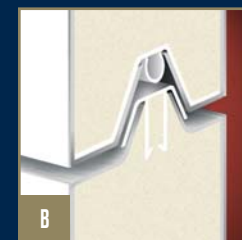


9' x 7' 5283 white with optional arched stockton window inserts and stamped exterior hardware.

- **Model 5283** 2" door sections are formed from 27-gauge exterior and 27-gauge interior galvanized draw quality steel
- **Model 5216** 2" exterior sections are formed from 26-gauge galvanized draw quality steel and the interior is 27-gauge steel
- Long-lasting rollers assure consistent, efficient operation
- Optional Appearance Package<sup>4</sup> upgrade available for **Model 5283**
- Optional Endurance and Appearance Package<sup>4</sup> upgrades available for **Model 5216**
- 1-set of stamped decorative hardware is standard for all doors or add optional Wrought Iron designs to replicate an old-world look
- Glazing options include standard glass and glue chip glass with five optional insert designs
- Extra heavy paint system<sup>3</sup>: **Model 5283** is available in white, almond or sandstone; **Model 5216** is available in white, almond, sandstone or brown
- **Model 5283** ASHRAE Calculated R-value<sup>1</sup>: 8.07  
**Model 5216** ASHRAE Calculated R-value<sup>1</sup>: 14.3
- Patented design



A



B

## FEATURES

### DOOR CONSTRUCTION

(A) 5283 utilizes a 1-13/18" polystyrene insulation glue on both sides between 27-ga. exterior and 27-ga. interior skins, (B) 5216 employs a high-density polyurethane injected core with a 26-ga. exterior and 27-ga. interior skins and is thermally-broken for added weather protection.

For additional information, please see numbered end-notes on inside back cover.

ELEGANT. DURABLE.



## ***ALL-STEEL PAN TYPE CARRIAGE HOUSE COLLECTION***

While maintaining the elegant appearance of our premier models, these all-steel Carriage House doors perfectly combine the beauty and charm of a traditional wood carriage house door with the durability and value of a pan-style door. The 5250/5240 models are deeply embossed with a wood grain finish, available in a variety of colors, and have several window options to choose from. Decorative handles and hinges are standard, and can be upgraded to wrought iron for a truly old-world look that will compliment your home perfectly.

**Pictured.** 9' x 7' 5251 almond doors with optional stockton windows and stamped hardware

Model 5240 available in



Models 5240/41 are  
also available in







<b>MODEL 5250</b>	<b>Uninsulated, 25-Gauge</b>
<b>MODEL 5251</b>	<b>Insulated 1-3/8" Polystyrene</b>
<b>MODEL 5240</b>	<b>Uninsulated, 24 Gauge</b>
<b>MODEL 5241</b>	<b>Insulated 1-3/8" Polystyrene</b>



9' x 7' 5240 white with optional arched madison window inserts and stamped exterior hardware.

- **Models 5250/5251** offer the durability of tough 25-gauge draw quality steel in a pan-type product.
- **Models 5240/5241** offer the durability of tough 24-gauge draw quality steel in a pan-type product.
- **Models 5251 and 5241** include 1-3/8" polystyrene insulation, with a vinyl back cover
- Heavy-duty 16-gauge hinges with "wide body" pattern for greater stability and longer life
- Long-lasting durable rollers assure consistent, efficient operation
- Optional Appearance Package<sup>4</sup> upgrade available
- 1-set of stamped decorative hardware is standard for all doors or add optional Wrought Iron designs to replicate an old-world look
- Glazing options include standard glass and glue chip glass with five optional insert designs
- Inside stiles are made of galvanized steel and stile holes are "dimpled" for increased holding power
- Extra heavy paint system<sup>3</sup>: **Models 5250/5251** are available in white, almond or sandstone; **Models 5240/5241** are available in white, almond, sandstone or brown
- **Models 5251/5241** ASHRAE Calculated R-value<sup>1</sup>: 6.85
- Patented design

## FEATURES

### 5251 DOOR CONSTRUCTION

These models utilize 25-gauge exterior steel skin with 1-3/8" thick polystyrene foam insulation with a vinyl back cover.



For additional information, please see numbered end-notes on inside back cover.

CHARMING. PRACTICAL.





## ***THERMALLY-BROKEN, POLYURETHANE CORE SANDWICH DOOR***

This exceptional line of garage doors incorporates a thermally-broken section design for superior weather protection. A 26-gauge exterior steel skin and 27-gauge interior steel skin filled with foamed-in-place polyurethane creates an extremely rigid barrier. A continuous section joint seal that impedes air infiltration additionally enhances this door. Available in six designer colors and a diverse collection of window options, this door will add value and appeal to your home for years to come.

**Pictured.** 16' x 8' 2216 white with optional 2-4 pc sunburst windows  
9' x 8' 2216 white with optional 4 pc sunburst windows

This model also available in  
**C.H.I. OVERHEAD DOORS**  
**WINDBREAKER**  
**SERIES**





9' x 7' 4216 white with optional cascade window inserts.

SUPERIOR. THERMALLY-BROKEN.

**MODEL 2216** Short Panel, Insulated

**MODEL 2217** Flush, Insulated

**MODEL 4216** Long Panel, Insulated

- Door exterior sections are formed from 26-gauge galvanized draw quality steel and the interior is 27-gauge steel
- High-density polyurethane injected core
- Long-lasting durable rollers assure consistent, efficient operation
- Heavy-duty 14-gauge hinges with "wide body" pattern for greater stability and longer life
- Extra heavy paint system<sup>3</sup> in your choice of white, almond, sandstone, brown, bronze, or evergreen
- Concealed steel plates run continuously from top to bottom of each section for fastening hardware
- Optional Endurance and Appearance Package<sup>4</sup> upgrades available
- White painted end stiles
- Thermally-broken for optimum weather protection
- Bottom weather seal utilizes an aluminum retainer and extruded virgin vinyl
- A continuous weather seal at the section joint assures maximum protection from the elements
- **Models 2216/4216** ASHRAE Calculated R-value<sup>1</sup>: 14  
**Model 2217** ASHRAE Calculated R-value<sup>1</sup>: 14.30

#### DOOR CONSTRUCTION

These models utilize 26-gauge exterior and 27-gauge interior steel skins injected with polyurethane insulation. The thermally-broken tongue-and-groove section joint includes a continuous weather seal offering exceptional protection from the elements.



FEATURES

For additional information, please see numbered end-notes on inside back cover.



## ***HIGH-DEFINITION RECESSED PANEL***

They may look like wood, but these models are actually all-metal, maintenance-free insulated doors. The front and back skins are made with a pre-finished, wood grain embossed steel and the cores are filled with high density polyurethane for optimum weather protection. An all-metal exterior is used on both the panels as well as the overlays to ensure years of worry free maintenance.

**Pictured.** 16' x 8' 2298 white  
9' x 8' 2298 white





9' x 7' 2296 white with optional plain glass

DISTINCT. CLASSIC.



<b>MODEL 2298</b>	<b>Short Panel, Insulated</b>
<b>MODEL 2296</b>	<b>Combination Panel, Insulated</b>
<b>MODEL 2294</b>	<b>Long Panel, Insulated</b>

- 2" thick door exterior sections are formed from 25-gauge galvanized draw quality steel and the interior is 27-gauge steel
- Aluminum overlays come pre-finished the same color as the door and are wood grain embossed
- Extra heavy paint system<sup>3</sup> in your choice of white, almond or sandstone
- Optional glass is available in clear glass or glue chip pattern
- Custom coated designed springs for smooth operation and easy lifting
- High-density polyurethane injected core
- Section joints are roll-formed into a tongue-and-groove design which produces a superior weather seal
- Optional Endurance and Appearance Package<sup>4</sup> upgrades available
- Bottom weather seal utilizes an aluminum retainer and extruded virgin vinyl
- Long-lasting durable rollers assure consistent, efficient operation
- All models ASHRAE Calculated R-value<sup>1</sup>: 9.60



2294



2296



2298

#### DOOR CONSTRUCTION

These models utilize 25-gauge exterior and 27-gauge interior steel skins. Filled with foamed-in-place polyurethane to better safeguard against the elements and add structural rigidity to an already durable model.



FEATURES

For additional information, please see numbered end-notes on inside back cover.



## ***RAISED PANEL/FLUSH SANDWICH DOOR***

The beautifully sound, top-of-the-line 2285/86, 4285 models are designed to be both energy-efficient and low-maintenance. These doors feature a pre-painted, easy-to-clean steel exterior with an insulated core and are built to fill the most demanding requirements. Owners will soon find themselves taking for granted the longevity, durability, and smooth operation which come naturally to a door built this well.

**Pictured.** 9' x 7' 2285 silver with optional stockton windows  
16' x 7' 2285 silver with optional stockton windows

This model also available in  
**C.H.I. OVERHEAD DOORS**  
**WINDBREAKER**  
**SERIES**





9' x 7' 4285 white with optional two-piece sunburst window inserts.

ATTRACTIVE. RELIABLE.



**MODEL 2285** Short Panel, Insulated

**MODEL 2286** Flush Panel, Insulated

**MODEL 4285** Long Panel, Insulated

- Door exterior sections are formed from 26-gauge galvanized draw quality steel and the interior is 27-gauge steel
- Long-lasting durable rollers assure consistent, efficient operation
- Heavy-duty 14-gauge hinges with "wide body" pattern for greater stability and longer life
- Extra heavy paint system<sup>3</sup> in your choice of white, almond, sandstone, brown, bronze, silver, or evergreen
- Concealed steel plates run continuously from top to bottom of each section for fastening hardware
- Optional Endurance and Appearance Package<sup>4</sup> upgrades available
- White painted end stiles
- Bottom weather seal utilizes an aluminum retainer and extruded virgin vinyl
- Double sided steel doors are 2" thick
- **Models 2285/4285** ASHRAE Calculated R-value<sup>1</sup>: 8.07
- **Model 2286** ASHRAE Calculated R-value<sup>1</sup>: 8.72

#### DOOR CONSTRUCTION

These models utilize 26-gauge exterior and 27-gauge interior steel skins. Polystyrene insulation is secured in place with a urethane adhesive to increase structural integrity. The front and back skins are locked together in a tongue-and-groove design for years of worry-free protection.



FEATURES

For additional information, please see numbered end-notes on inside back cover.



## ***RAISED PANEL/FLUSH SANDWICH DOOR***

An attractive, select model engineered for durability and energy efficiency. The 2283/2284 models are available in three pre-painted, easy-to-care-for colors, with an insulated core that protects through the harshest conditions. The beauty of these doors are continued on the inside with polyester coated steel protection. Designed to complement a wide variety of home styles, these models will provide many years of dependable service.

**Pictured.** 9' x 7' 2283 white door with optional v-groove cathedral glass  
16' x 7' 2283 white door with optional v-groove cathedral glass

This model also available in







9' x 7' 2284 white with optional cascade window inserts.

STRONG. STYLISH.



**MODEL 2283** Raised Panel, Insulated

**MODEL 2284** Flush Panel, Insulated

- Door sections are formed from 27-gauge galvanized draw quality steel
- Section joints are roll-formed into a tongue-and-groove design which produces a superior weather seal
- Long-lasting rollers assure consistent, efficient operation
- Bottom weather seal utilizes an aluminum retainer and extruded virgin vinyl
- Concealed steel plates run continuously from top to bottom of each section for fastening hardware
- Extension or torsion springs are coated and individually computer-calibrated to lift your door
- Extra heavy paint system<sup>3</sup> in your choice of white, almond or sandstone
- Optional Appearance Package<sup>4</sup> upgrade available
- Hinges are stamped from galvanized steel in a "wide body" pattern for greater stability and longer life
- Optional automatic latching lock system opens easily from inside or outside
- Double sided steel doors are 2" thick
- **Model 2283** ASHRAE Calculated R-value<sup>1</sup>: 8.07
- **Model 2284** ASHRAE Calculated R-value<sup>1</sup>: 8.72

## FEATURES

### DOOR CONSTRUCTION

These models utilize 27-gauge exterior and 27-gauge interior steel skins. Polystyrene insulation is secured in place with a urethane adhesive to increase structural integrity. The front and back skins are locked together in a tongue-and-groove design for years of worry-free protection.



For additional information, please see numbered end-notes on inside back cover.



## ***24-GAUGE RAISED PANEL STEEL***

For a traditional-looking, heavy-duty steel door, the 2240/41 and 4240/41 models are truly among the best around. Available in five designer colors, it is an attractive top-of-the-line door that will both complement the looks of your home and provide dependable protection for many years. Designed to accompany a wide variety of home styles, this heavy-gauge model is fit for a long life.

**Pictured.** 18' x 8' 2241 white with optional stockton windows



Models 2240/41 are  
also available in







9' x 7' 4240 white with optional mission window inserts.

BEAUTIFUL. DEPENDABLE.



**MODEL 2240** Short Panel, Uninsulated

**MODEL 2241** Short Panel, Insulated

**MODEL 4240** Long Panel, Uninsulated

**MODEL 4241** Long Panel, Insulated

- Door sections are formed from heavy, 24-gauge galvanized draw quality steel
- Section joints are roll-formed into a tongue-and-groove design which produces a superior weather seal
- Bottom weather seal utilizes an aluminum retainer and extruded virgin vinyl
- Long-lasting rollers assure consistent, quiet and efficient operation
- Inside stiles are made of galvanized steel and stile holes are "dimpled" for increased holding power
- Extension or torsion springs are coated and individually computer-calibrated to lift your door
- Extra heavy paint system<sup>3</sup> in your choice of white, almond, sandstone, brown, or evergreen
- Optional Appearance Package<sup>4</sup> upgrade available
- Hinges are stamped from galvanized steel in a "wide body" pattern for greater stability and longer life
- Optional automatic latching lock system opens easily from inside or outside
- **Models 2241/4241** include 1-3/8" polystyrene insulation with a vinyl back cover
- **Models 2241/4241** ASHRAE Calculated R-value<sup>1</sup>: 6.85

#### 2241/4241 DOOR CONSTRUCTION

These models utilize 24-gauge exterior steel skin with 1-3/8" thick polystyrene insulation with a vinyl back cover.



FEATURES

For additional information, please see numbered end-notes on inside back cover.





## ***25-GAUGE RAISED PANEL STEEL***

Built for both longevity and value, this door recreates the elegant look of wood with a deeply-embossed, distinctive panel design. It has the appearance of our top-of-the-line models, yet remains economical and efficient – making it one of our most popular models. Available in four designer colors, this durable steel door complements the look of almost any home.

**Pictured.** 17' x 7' 4251 brown

This model also available in  
**C.H.I. OVERHEAD DOORS**  
**WINDBREAKER**  
**SERIES**





9' x 7' 2255 white with optional cathedral window inserts.

QUIET. ENERGY-EFFICIENT.

<b>MODEL 2250</b>	<b>Short Panel, Uninsulated</b>
<b>MODEL 2251</b>	<b>Short Panel, Insulated</b>
<b>MODEL 2255</b>	<b>Short Panel, Insulated</b>
<b>MODEL 4250</b>	<b>Long Panel, Uninsulated</b>
<b>MODEL 4251</b>	<b>Long Panel, Insulated</b>
<b>MODEL 4255</b>	<b>Long Panel, Insulated</b>

- Door sections are formed from heavy, 25-gauge galvanized draw quality steel
- Section joints are roll-formed into a tongue-and-groove design which produces a superior weather seal
- Inside stiles are made of galvanized steel and stile holes are “dimpled” for increased holding power
- Bottom weather seal utilizes an aluminum retainer and extruded virgin vinyl
- Extra heavy paint system<sup>3</sup> in your choice of white, almond, sandstone, or brown
- Optional Appearance Package<sup>4</sup> upgrade available
- Hinges are stamped from galvanized steel in a “wide body” pattern for greater stability and longer life
- **Models 2251/4251** include 1-3/8” polystyrene insulation with a vinyl back cover
- **Models 2255/4255** include 9/16” polystyrene insulation with a vinyl back cover
- **Models 2251/4251** ASHRAE Calculated R-value<sup>1</sup>: 6.85  
**Models 2255/4255** ASHRAE Calculated R-value<sup>1</sup>: 3.29



A



B

## FEATURES

### DOOR CONSTRUCTION

Each model utilizes a 25-gauge exterior steel skin. Chosen for their weather resistant features, models (A) 2251/4251 utilize a 1-3/8” thick polystyrene insulation, while models (B) 2255/4255 employ a 9/16” thick polystyrene insulation with vinyl back cover.

For additional information, please see numbered end-notes on inside back cover.

## STANDARD WINDOW DESIGN TRIMS. SHORT PANEL | LONG PANEL | RECESSED

C.H.I. offers several insert designs that add distinction to any home. The convenient interchangeable inserts allow you to transform the look of your door instantly by simply switching insert patterns. Inserts are U.V. protected and are available in all door colors. The inserts can also be painted to match existing trim colors on your home.

### SHORT PANEL

2240-41 / 2250-51-55 / 2283-84 / 2285-86 / 2216-17 Series



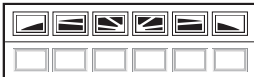
2-4 Piece Sunburst



8 Piece Sunburst



7 Piece Sunburst



6 Piece Sunburst



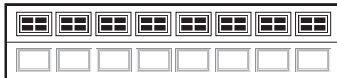
5 Piece Sunburst



Cathedral



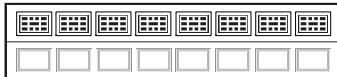
Sherwood



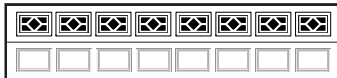
Stockton



Cascade



Mission



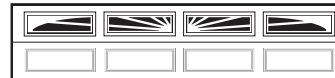
Waterton

### LONG PANEL

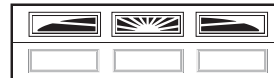
4240-41 / 4250-51-55 / 4285 / 4216 Series



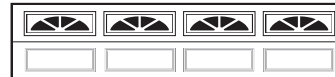
2-2 Piece Sunburst



4 Piece Sunburst



3 Piece Sunburst



Sherwood



Cascade



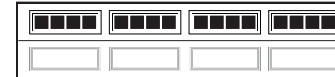
Stockton



2-2 Piece Arched Stockton



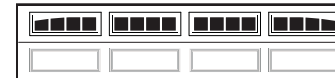
4 Piece Arched Stockton



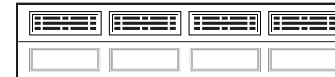
Madison



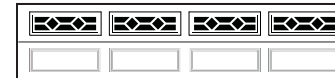
2-2 Piece Arched Madison



4 Piece Arched Madison



Mission



Waterton

### RECESSED

2290 Series



2294



2296



2298



### ALL-METAL

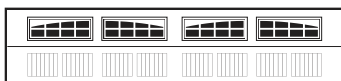
5240-41 / 5250-51 / 5283 / 5216 Series



Cascade



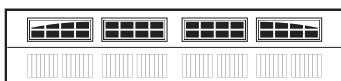
Stockton



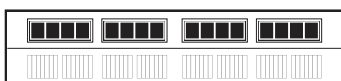
2-2 Piece Arched Stockton



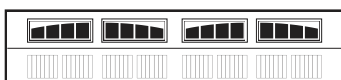
3 Piece Arched Stockton



4 Piece Arched Stockton



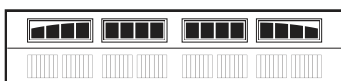
Madison



2-2 Piece Arched Madison



3 Piece Arched Madison



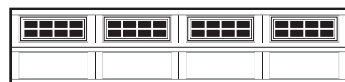
4 Piece Arched Madison

### RECESSED

5290 Series



Cascade



Stockton



2-2 Piece Arched Stockton



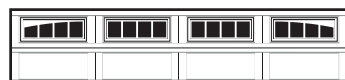
4 Piece Arched Stockton



Madison



2-2 Piece Arched Madison



4 Piece Arched Madison

### PAN OVERLAY

5000 / 5100



Stockton



2-2 Piece Arched Stockton



4 Piece Arched Stockton



Madison



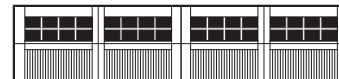
2-2 Piece Arched Madison



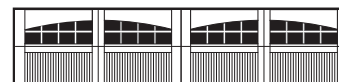
4 Piece Arched Madison

### SANDWICH OVERLAY SINGLE

5500 / 5400 / 5300 Series



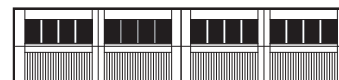
Stockton



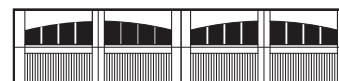
2-2 Piece Arched Stockton



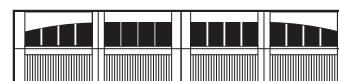
4 Piece Arched Stockton



Madison



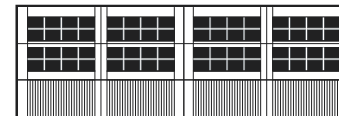
2-2 Piece Arched Madison



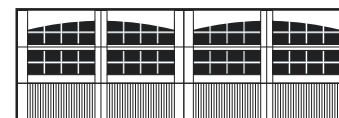
4 Piece Arched Madison

### SANDWICH OVERLAY DOUBLE

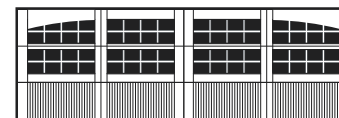
5500 / 5400 / 5300 Series



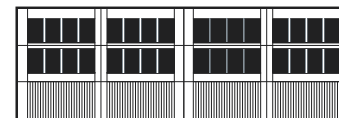
Stockton



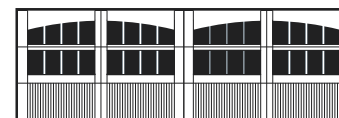
2-2 Piece Arched Stockton



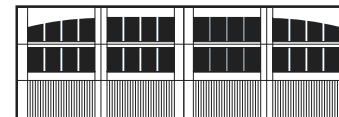
4 Piece Arched Stockton



Madison



2-2 Piece Arched Madison



4 Piece Arched Madison

## RESIDENTIAL DOOR FEATURES

For additional information, please see numbered end-notes on inside back cover.

### GLASS OPTIONS<sup>7</sup>.



### COLOR SELECTIONS<sup>8</sup>.

#### SOLID



#### WOODTONE





## RESIDENTIAL DOOR FEATURES

### APPEARANCE AND ENDURANCE PACKAGES

**Appearance Package.** All hardware (excluding drums, springs and cables), track, struts and torsion shaft powder coated white. White 10 ball nylon rollers included.

**Endurance Package.** Includes everything in the **Appearance Package** above, plus 25,000 cycle springs and a Lifetime Warranty to original homeowner on all hardware and springs. The Endurance Package is only available in Models 2285, 2216, 2290, 5216 and 5290

#### DOOR WIDTH/WINDOWS AVAILABLE PER SECTION

DOOR WIDTH	2250/2251	4250/4251	2240/2241	4240/4241	2255	4255	2283/2284	2285/2286	4285	2216/2217	4216	2298	2296	2294	5250/5251	5240/5241	5283	5216	5290	5500	5400	5300	5100	5000	2700*
8' - 9'	4	2	4	2	4	2	4	4	2	4	2	4	3	2	2	2	2	2	2	2	2	2	2	2	2
10'	5	2	5	2	5	2	5	5	2	5	2	5	4	3	2	2	2	2	2	2	2	2	2	2	2
12'	6	3	6	3	6	3	6	6	3	6	3	6	4	3	3	3	3	3	3	4	4	4	4	4	-
14'	7	3	7	3	7	3	7	7	3	7	3	-	-	-	3	3	3	3	-	-	-	-	-	-	-
15'	7	4	7	4	7	4	7	7	7	7	4	7	6	4	3	3	3	3	4	4	4	4	4	4	-
16'-18'	8	4	8	4	8	4	8	8	4	8	4	8	6	4	4	4	4	4	4	4	4	4	4	4	4
20'	-	-	10	5	-	-	-	10	5	10	5	-	-	-	4	4	4	4	-	-	-	-	-	-	-

\*Check with local C.H.I. Distributor about window availability.

#### DOOR HEIGHT/NUMBER OF SECTIONS

DOOR HEIGHT	2250/2251	4250/4251	2240/2241	4240/4241	2255	4255	2283/2284	2285/2286	4285	2216/2217	4216	2298	2296	2294	5250/5251	5240/5241	5283	5216	5290	5500	5400	5300	5100	5000	2700
6'6"-7'	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
7'6"-8'	5	5	5	5	5	5	5	5	5	5	5	4	4	4	5	5	5	5	4	4	4	4	4	4	4

#### HEADROOM REQUIREMENTS

SPRING TYPE	TRACK RADIUS			
	15"R	12"R	10"R	LHR
EXTENSION	12"	10"	8"	6"
TORSION	15"	12"	10"	6"



Wind can be unpredictable and destructive, which is why we developed our super-resilient Windbreaker Series. Windchamber-tested for increased wind-load resistance, this extra-sturdy series provides enhanced defense against the elements. For increased protection against windborne debris, look for our iSeries Impact Approved garage doors. Designed to withstand the direct collision of a projectile at high speeds, iSeries doors from C.H.I. are built to the most rugged specifications. For better protection and maximum strength, just look for the Windbreaker and the iSeries seals – Superior Protection Provided by C.H.I.

### LIMITED LIFETIME WARRANTY

**SECTIONS.** C.H.I. Overhead Doors, Inc. ("C.H.I.") warrants steel garage door sections against splitting; cracking and rusting through.

- Residential applications are covered for as long as the original purchaser/homeowner owns the building the doors were installed in except as noted below.
- Model 2200 and model 2201 are warranted for five (5) years.
- Series 5500, 5300, 5100 and 5000 carriage house doors and series 2700 fiberglass doors are warranted for three (3) years.
  - Field painting of series 5500 and 5300 doors with dark colors (less than 50% light reflectance rating) will void warranty.
  - Thermal bowing and minor gaps at fiberglass splice points on series 2700 doors are not considered defects.
- Series 5400 wood carriage house doors are warranted for one (1) year.
  - Series 5400 doors must be field painted according to C.H.I. painting instructions prior to installation.
- Doors used in commercial applications are warranted for ten (10) years unless the specific model has a warranty less than ten (10) years as noted.

**OTHER COMPONENTS.** C.H.I. warrants all hardware against defects in materials and workmanship, except springs as follows:

- Residential 25-gauge pan door hardware is warranted for three (3) years.
- Residential 24-gauge pan, sandwich, carriage house and fiberglass door hardware is warranted for six (6) years.
- Model 2200, 2201 and commercial door hardware is warranted for one (1) year.

**SPRINGS.** C.H.I. warrants springs used in residential applications against defects in materials and workmanship as follows:

- Three (3) years for doors up to eight (8) feet high.
- One (1) year for doors over eight (8) feet high and for models 2200 and 2201.

C.H.I. warrants springs used in commercial applications for one (1) year.

All warranty periods begin with the date of manufacture. C.H.I.'s obligations are strictly limited to repair or replacement of defective parts and components during the warranty period.

This limited warranty excludes: (1) rust caused by damages or scratching; (2) damage resulting from exposure to corrosive chemicals, corrosive fumes, condensation, water or fire; (3) damages caused by accident, improper use, negligent operation, improper installation, improper maintenance or normal wear; (4) shipping, installation or labor charges; (5) defects in paints or coatings used to finish door sections; (6) any product or component which is modified, altered, or not part of the original door; (7) damages resulting from any circumstances beyond the direct control of C.H.I. and (8) minor expansion and contraction gaps in overlay material on carriage house and fiberglass doors.

In the event of a defective component, contact the dealer the door was purchased from within fifteen (15) days from discovery of the defect. C.H.I. reserves the right to inspect all products alleged to be defective and to verify eligibility of this limited warranty.

**THIS LIMITED WARRANTY EXCLUDES ANY LOSS OR DAMAGE NOT SPECIFICALLY UNDERTAKEN HEREIN, INCLUDING, WITHOUT LIMITATION, ANY CONSEQUENTIAL OR INCIDENTAL DAMAGES, SUCH AS DEATH, INJURY, DAMAGES TO PROPERTY, OR DAMAGES ARISING FROM LOSS OF USE OF ANY PRODUCT OR FACILITY. ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE AND OF MERCHANTABILITY, ARE HEREBY EXPRESSLY EXCLUDED.**

This warranty is non-transferable.

### END-NOTES

**1.** C.H.I. Overhead Doors calculates R-value based on the American Society of Heating, Refrigerating, and Air-Conditioning Engineers (ASHRAE) standards of measurement. This means that C.H.I. doors have met ASHRAE criteria for determining the effectiveness of insulation. **2.** Unfinished doors are for field gel staining only. Follow directions provided by gel stain manufacturer. If field painting is desired, the door must be factory finished (painted) prior to any painting in the field. Use only oil based or acrylic latex house paint when repainting doors. **3.** Extra heavy paint system consists of .25 mil. primer with rust inhibitor and a .75 mil. coating of baked-on polyester paint. **4.** Endurance and Appearance Packages are standard white, custom colors are available at an extra charge. **5.** Available for the 2700 Series. **6.** Colors available for 2700 Series ONLY. **7.** All designer lights are either transparent or semi-transparent. **8.** All color options are not available for all models. Refer to samples at your local C.H.I. distributor for exact color match. **9.** Available in long panel.

All information presented is based on the specifications and features available at the time of printing and is subject to change without notice.



PLEASE VISIT OUR WEBSITE AT [WWW.CHIOHD.COM](http://WWW.CHIOHD.COM) TO SEE OUR ENTIRE LINE OF SECTIONAL AND ROLLING STEEL DOORS.

ASK YOUR DOOR PROFESSIONAL AT:

C.H.I. Overhead Doors are manufactured in Arthur, Illinois, USA.