RESIDENTIAL OVERHEAD DOORS

C.H.I. OVERHEAD DOORS

# 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. Overhead Doors gives 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.*** 8' x 8' and 16' x 8' **2294** sandstone with optional plain windows

TOUGH. DEPENDABLE. STYLISH.

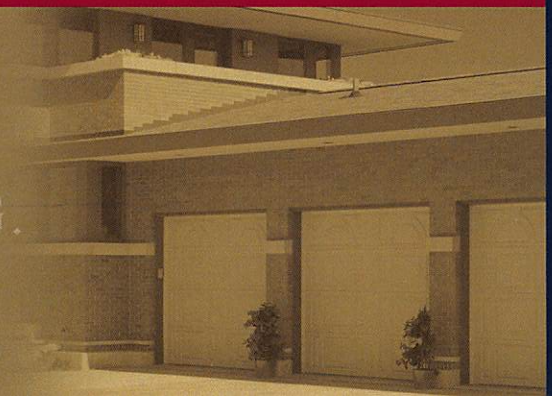
C.H.I. OVERHEAD DOORS

# HIGH-DEFINITION MOLDED FIBERGLASS DOORS

Your home reflects who you are and allows you to make the statement you choose. As the largest door on your home, your garage door provides a unique opportunity to showcase your style. C.H.I. has a sophisticated line of doors for homes that require more than the standard look. Not only does the 2700 series boast an intriguing appearance, but it's also energy-efficient with a thermally-broken polyurethane core, providing a superior insulation rating and optimum protection from the outside elements. Created for those who choose to create a statement.

***Pictured.*** 2, 9' x 8' **2702** almond

8' x 7' **2752** oak woodtone with arched long monticello windows with brass caming



REFINED. INTRIGUING.

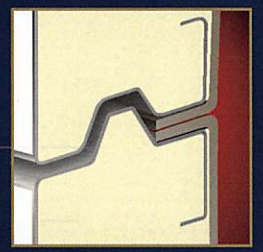
## 2700 SERIES Polyurethane, R-value[1] - 16.95

FEATURES

- Sections are 2" thick with a formed fiberglass face and a 25-gauge flush steel interior skin that is factory-finished in white
- Exterior skins are factory-finished in six designer colors: white, almond, evergreen, mahogany, walnut, sandstone and oak with optional woodtone available in oak, mahogany and walnut
- Unfinished[2] (tan) 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 caming
- Optional Endurance and Appearance Package[4] upgrades available
- Concealed steel plates run continuously from top to bottom of each section for fastening hardware
- Bottom weather seal utilizes an aluminum retainer and extruded virgin vinyl
- Available widths for all models: 8', 9', 10', 12', 16' and 18'
- All models available heights: 7' to 14' in 3" height increments (except 8'3", 8'6" and 10'3")
- R-value[1] for all models – 16.95

**2701-02-03-51-52**
**DOOR CONSTRUCTION**

The sections are 2" thick with a CFC[7] free polyurethane injected core between a formed fiberglass face and a 25-gauge flush steel interior skin that is thermally-broken for optimum weather protection.



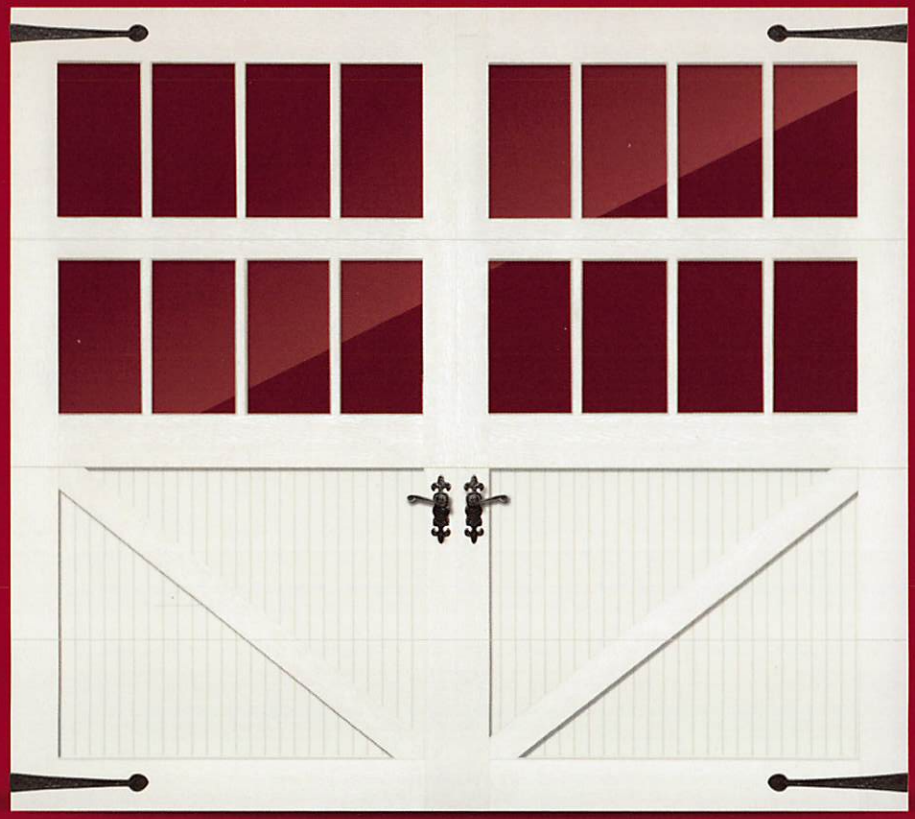
For additional information, please see numbered footnotes on page 33.

# FIBERGLASS FACED CARRIAGE HOUSE DOORS

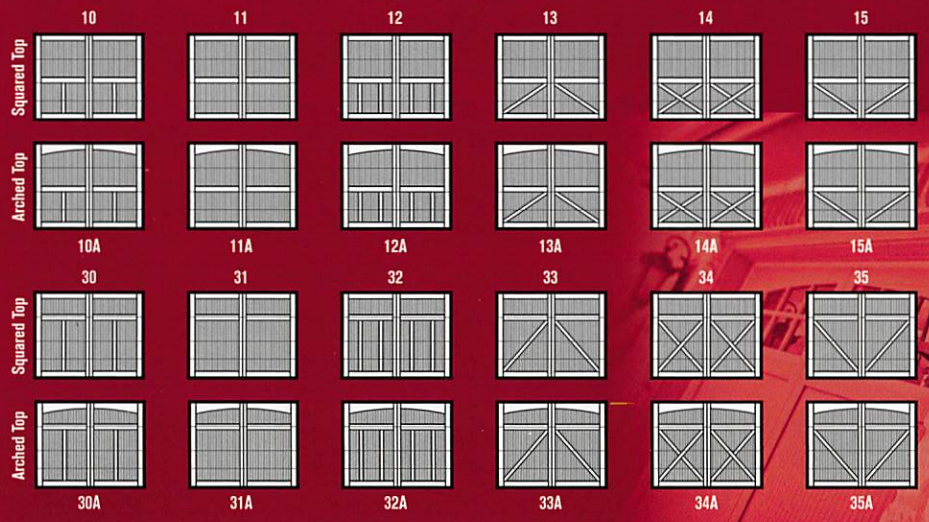
The carriage house style door has never looked better. The 5500 and 5800 Series doors from C.H.I. Overhead Doors combine the classic look of wood with the rugged durability of fiberglass. These doors feature a lightweight, impact resistant fiberglass exterior that is virtually maintenance-free. Factory finished in three designer colors, and adhered to a steel base section that is both resilient and energy-efficient, this door will accent your home with an elegant look while providing the durable qualities you desire.

***Pictured.*** 9' x 8' **5531A** sandstone with optional arched stockton windows and plain glass
16' x 8' **5531A** sandstone with optional 2-2 pc arched stockton windows and plain glass

These models are also available in C.H.I. OVERHEAD DOORS WINDBREAKER SERIES



8' x 7' **5815** white with optional madison windows and wrought iron hardware




| | |
|---|---|
| **5500 SERIES** | Polystyrene, R-value[1] - 10.67 |
| **5800 SERIES** | Polyurethane, R-value[1] - 17.92 |

FEATURES

- The impact-resistant fiberglass bead-board and Poly accent battens are laminated to the steel sections with high performance adhesives. The sections are then factory finished in white, almond or sandstone
- Glazing options include plain, tinted, obscure, glue chip or seeded; available in the top two sections of door
- Faux windows are an option with the background color always being black and can be combined with all window section options
- **Series 5500** are 2" thick CFC[7] free polystyrene insulated base sections
- **Series 5800** are 2" thick CFC[7] free polyurethane insulated thermally-broken base sections
- 2-7/16" total section thickness
- Wood-grained steel interior, pre-finished in white
- One set of spade decorative hardware is standard for all doors. Optional Barcelona or Wrought Iron designs replicate an old-world look
- Optional Appearance Package[4] upgrade available
- R-value[1] for the **5500 Series** - 10.67
  R-value[1] for the **5800 Series** - 17.92

**DOOR CONSTRUCTION**

**5500 Series.** Utilizes a steel base sandwich section with a CFC[7] free polystyrene core. **5800 Series.** Utilizes a CFC[7] free polyurethane injected steel thermally-broken base section.

For additional information, please see numbered footnotes on page 33.

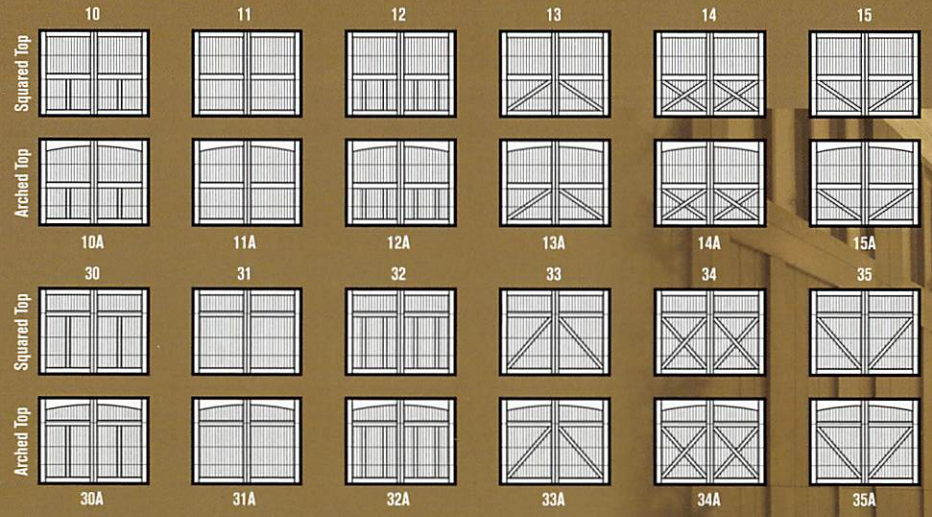
# WOOD FACED CARRIAGE HOUSE DOORS

Classic style delivered in a bold, modern way. C.H.I. Overhead Doors has always been one step ahead of the curve with the 5400 Series. The 5400 and 5700 Series take another step forward – utilizing Western Red Cedar or Fijian Mahogany boards to create a dynamic, yet timeless look that is backed by a rigid steel base section. Top it all off with a field stain and the decorative hardware and window options of your choice to create a door that truly says...*welcome home.*

***Pictured.*** 16' x 7' **5732** cedar field stained with optional madison windows and seeded glass

These models are also available in C.H.I. OVERHEAD DOORS WINDBREAKER SERIES

9' x 7' **5435A** mahogany unfinished with optional arched madison windows




the CARRIAGE HOUSE collection

| | |
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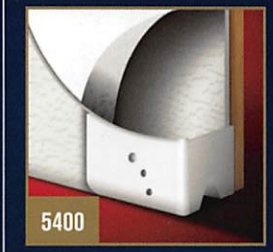
| **5400 SERIES** | Polystyrene, R-value[1] - 10.78 |
| **5700 SERIES** | Polyurethane, R-value[1] - 18.03 |

FEATURES

- The wide tongue-and-groove cedar boards and smooth cedar or mahogany accent battens are laminated to the steel base sections with high performance adhesives. The door face is manufactured unfinished[2] for field painting or staining.
- Glazing options include plain, tinted, obscure, glue chip or seeded; available in the top two sections of door
- Faux windows are an option with the background color always being black and can be combined with all window section options
- **Series 5400** are 2" thick CFC[7] free polystyrene insulated base sections
- **Series 5700** are 2" thick CFC[7] free polyurethane insulated thermally-broken base sections
- 2-3/4" total section thickness
- Wood-grained steel interior, pre-finished in white
- One set of spade decorative hardware is standard for all doors. Optional Barcelona or Wrought Iron designs replicate an old-world look
- Optional Appearance Package[4] upgrade available
- R-value[1] for the **5400 Series** - 10.78
  R-value[1] for the **5700 Series** - 18.03



**DOOR CONSTRUCTION**

**5400 Series.** Utilizes a steel base sandwich section with a CFC[7] free polystyrene core. **5700 Series.** Utilizes a CFC[7] free polyurethane injected steel thermally-broken base section.

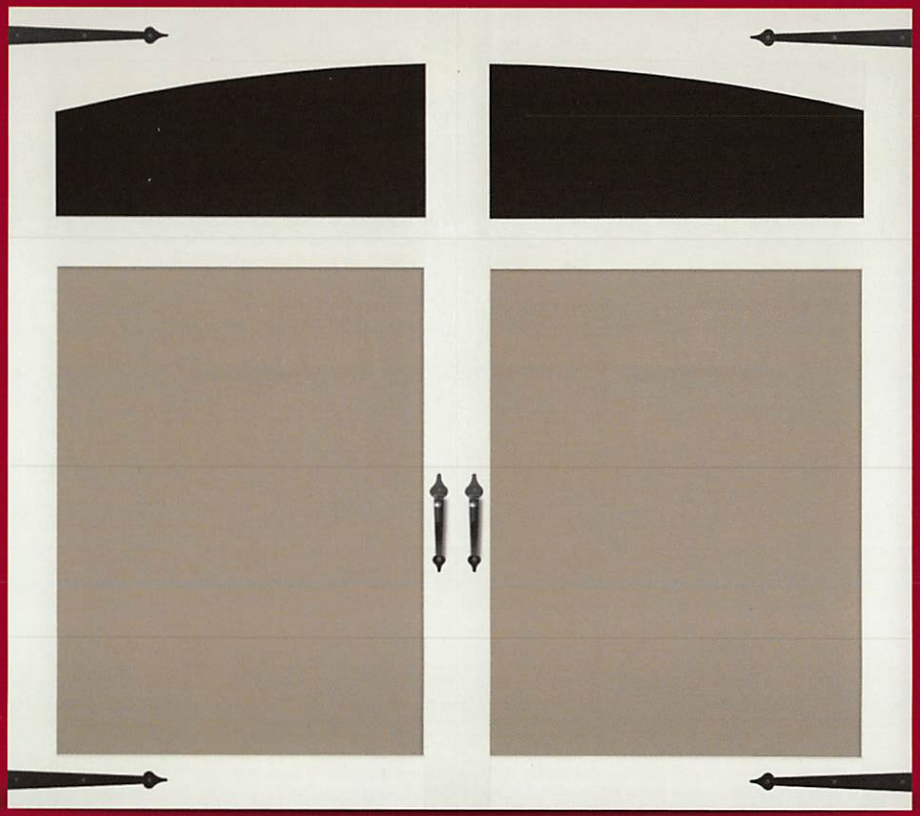
For additional information, please see numbered footnotes on page 33.

# PRE-FINISHED STEEL CARRIAGE HOUSE DOORS

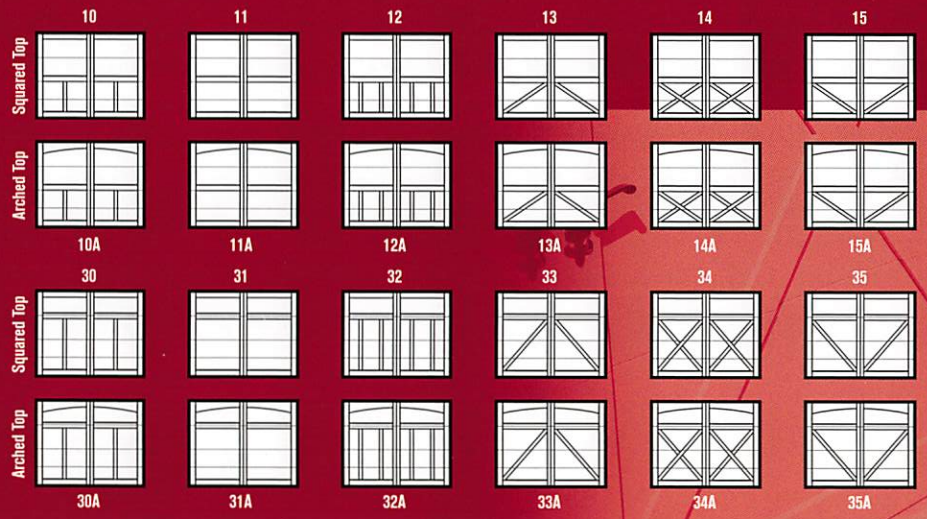
True carriage house style doesn't have to be complex. A durable, maintenance-free steel exterior, overlaid with poly accent battens creates the timeless look of the 5300 and 5600 Series from C.H.I. Overhead Doors. A durable steel base section provides the foundation for an addition to your home that will last for years to come. This door just helps to prove that sometimes the best things in life are simple.

***Pictured.*** 3, 9' x 7' **5334A** sandstone with optional arched stockton windows and optional wrought iron hardware

These models are also available in C.H.I. OVERHEAD DOORS WINDBREAKER SERIES



8' x 7' **5331A** white overlays and sandstone sections, optional faux windows with spade hardware

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|---|---|
| **5300 SERIES** | Polystyrene, R-value[1] - 10.29 |
| **5600 SERIES** | Polyurethane, R-value[1] - 17.54 |

FEATURES

- Accent battens are laminated to the steel sections with high performance adhesives. The sections are then factory finished in white, almond, or sandstone. Almond or sandstone doors are also available with white accent battens for a two-tone design.
- Glazing options include plain, tinted, obscure, glue chip or seeded; available in the top two sections of door
- Faux windows are an option with the background color always being black and can be combined with all window section options
- **Series 5300** are 2" thick CFC[7] free polystyrene insulated base sections
- **Series 5600** are 2" thick CFC[7] free polyurethane insulated thermally-broken base sections
- 2-7/16" total section thickness
- Wood-grained steel interior, pre-finished in white
- One set of spade decorative hardware is standard for all doors. Optional Barcelona or Wrought Iron designs replicate an old-world look
- Optional Appearance Package[4] upgrade available
- R-value[1] for the **5300 Series** - 10.29
  R-value[1] for the **5600 Series** - 17.54

**DOOR CONSTRUCTION**

**5300 Series.** Utilizes a steel base sandwich section with a CFC[7] free polystyrene core. **5600 Series.** Utilizes a CFC[7] free polyurethane injected steel thermally-broken base section.

For additional information, please see numbered footnotes on page 33.

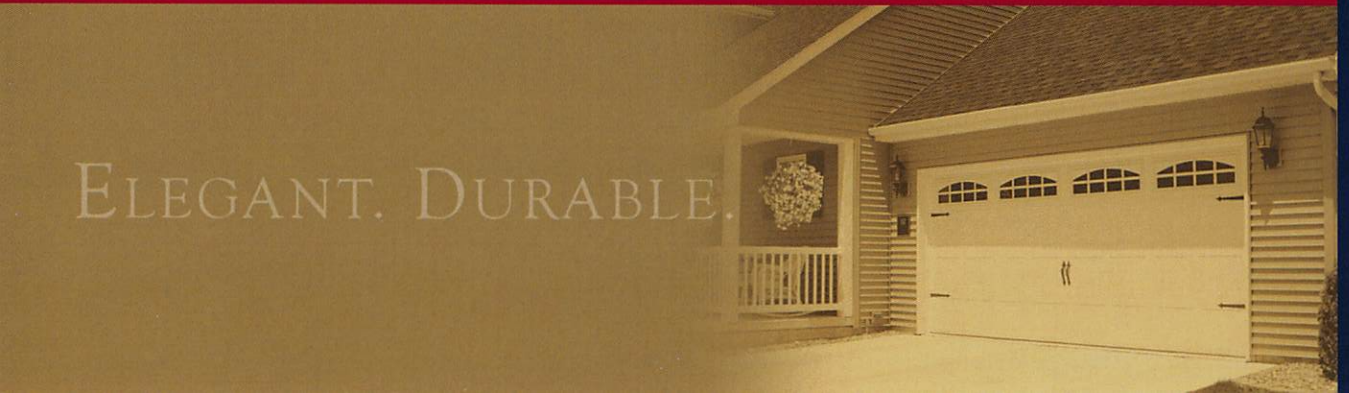
# ALL-STEEL SANDWICH TYPE CARRIAGE HOUSE COLLECTION

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 spade hardware

These models are also available in C.H.I. OVERHEAD DOORS WINDBREAKER SERIES

9' x 7' **5916** in optional mahogany accents woodtones with newport lites and barcelona 2 hardware




the CARRIAGE HOUSE collection

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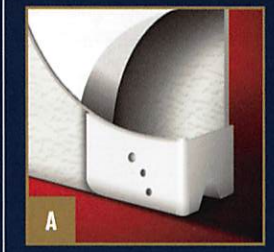
|---|---|
| **MODEL 5283** | Short Stamp, Polystyrene, R-value[1] - 9.65 |
| **MODEL 5216** | Short Stamp, Polyurethane, R-value[1] - 16.55 |
| **MODEL 5983** | Long Stamp, Polystyrene, R-value[1] - 9.65 |
| **MODEL 5916** | Long Stamp, Polyurethane, R-value[1] - 16.55 |

FEATURES

- 2" door sections are formed from 27-gauge exterior and 27-gauge interior galvanized draw quality steel
- Optional Endurance and Appearance Package[4] upgrades available
- One set of Spade decorative hardware is standard for all doors. Optional Barcelona or Wrought Iron designs replicate an old-world look
- Glazing options include plain, obscure, tinted, glue chip, frosted, seeded, newport, hampton, lasalle and florence with five optional insert designs
- Colors[3] available in **Models 5283/5983** are white, almond, sandstone, brown or desert tan; **Models 5216/5916** are white, almond, sandstone, brown, bronze, desert tan, or black
- Accents Woodtones available in cedar, mahogany, dark oak and light oak
- *MLB™* Accents, Accents Images and Accents Logos are available as an option for interior applications
- R-value[1] for the **Models 5283/5983** - 9.65
  R-value[1] for the **Models 5216/5916** - 16.55



**DOOR CONSTRUCTION**

(A) **5283/5983** utilizes a 1-13/16" CFC[7] free polystyrene insulation glued on both sides between 27-ga. exterior and 27-ga. interior skins, (B) **5216/5916** employs a high-density CFC[7] free polyurethane injected core with a 27-ga. exterior and 27-ga. interior skins and is thermally-broken for added weather protection.

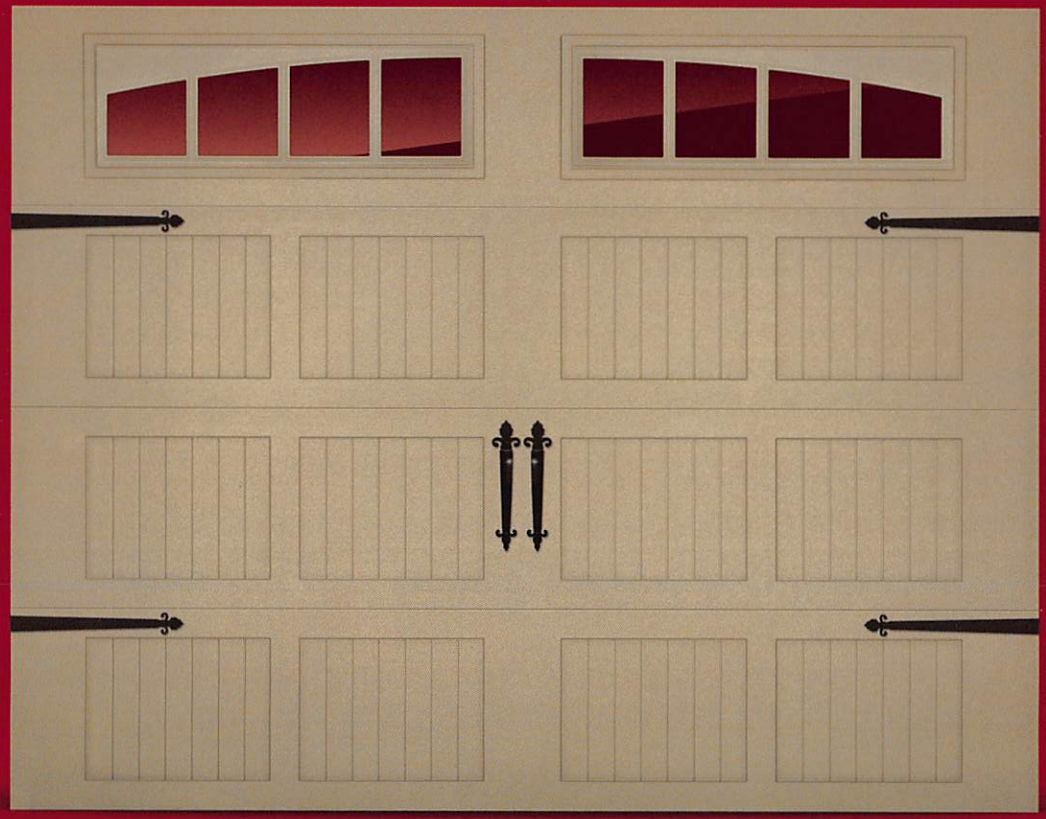
For additional information, please see numbered footnotes on page 33.

# 25-GAUGE 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 5250/5950 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 complement your home perfectly.

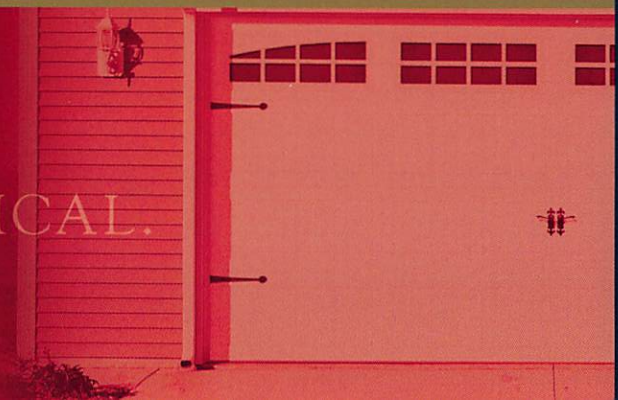
***Pictured.*** 16' x 7' **5951** white with optional 4 pc arched stockton windows and wrought iron hardware

These models are also available in C.H.I. OVERHEAD DOORS WINDBREAKER SERIES



9' x 7' **5251** almond with optional arched madison inserts and barcelona 1 hardware

# CHARMING. PRACTICAL.



the CARRIAGE HOUSE collection

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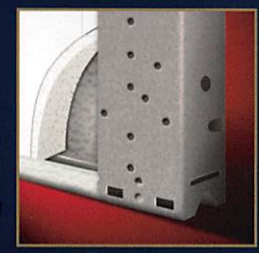
|---|---|
| **MODEL 5250** | Short Stamp, Non-insulated |
| **MODEL 5251** | Short Stamp, Polystyrene, R-value[1] - 7.94 |
| **MODEL 5950** | Long Stamp, Non-insulated |
| **MODEL 5951** | Long Stamp, Polystyrene, R-value[1] - 7.94 |

FEATURES

- 2" thick door sections offer the durability of tough 25-gauge draw quality steel in a pan-type product
- **Models 5251/5951** include 1-3/8" CFC[7] free polystyrene insulation, with a vinyl back cover
- Long-lasting durable rollers assure consistent, efficient operation
- One set of Spade decorative hardware is standard for all doors. Optional Barcelona or Wrought Iron designs replicate an old-world look
- Glazing options include plain, obscure, tinted, glue chip, frosted and seeded with five optional insert designs
- Inside stiles are made of galvanized steel and stile holes are "dimpled" for increased holding power
- Colors[3] available in your choice of white, almond, sandstone, brown or desert tan
- R-value[1] for the **Models 5251/5951** - 7.94

**5251/5951 DOOR CONSTRUCTION**

These models utilize 25-gauge exterior steel skin with 1-3/8" thick CFC[7] free polystyrene foam insulation with a vinyl back cover. Steel end and intermediate stiles are held firmly in place by a tab-loc system, creating increased strength and rigidity.

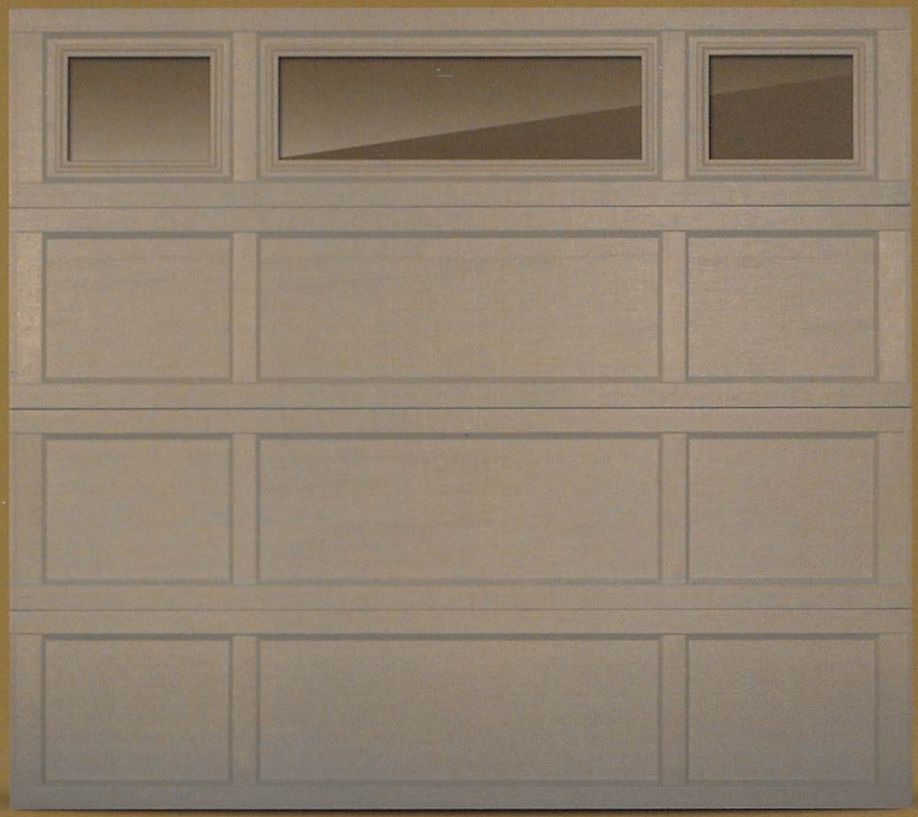


For additional information, please see numbered footnotes on page 33.

# 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 core is filled with high density CFC[7] free 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.*** 9' x 7' **2294** white with optional stockton window designs
16' x 7' **2294** white with optional stockton window designs



8' x 7' **2296** sandstone with optional plain glass

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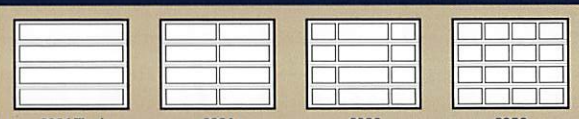
| **MODEL 2298** | Short Panel, Polyurethane, R-value[1] - 12.35 |
| **MODEL 2296** | Combo Panel, Polyurethane, R-value[1] - 12.35 |
| **MODEL 2294** | Long Panel, Polyurethane, R-value[1] -12.35 |
| **MODEL 2294 FLUSH** | Polyurethane, R-value[1] - 12.35 |

FEATURES

- 2" thick door exterior sections are formed from 25-gauge galvanized draw quality steel and the interior is 27-gauge steel
- Aluminum wood grain embossed overlays come pre-finished the same color as the door and are mechanically and chemically fastened to the door
- Colors[3] available in your choice of white, almond or sandstone
- Glazing options include plain, obscure, tinted, glue chip and frosted
- Optional window designs in prairie, stockton and madison
- Custom coated designed springs for smooth operation and easy lifting
- High-density CFC[7] free 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[4] upgrades available
- Bottom weather seal utilizes an aluminum retainer and extruded virgin vinyl
- Long-lasting durable rollers assure consistent, efficient operation
- R-value[1] for the **Models 2294 Flush/2294/96/98** - 12.35




**DOOR CONSTRUCTION**

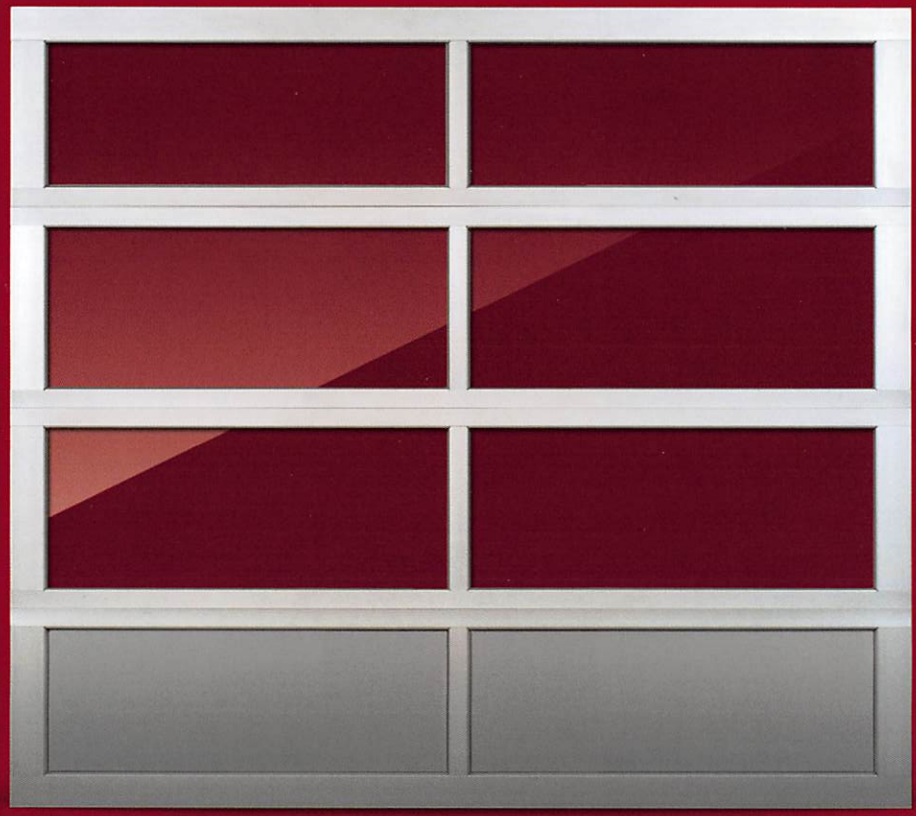
These models utilize 25-gauge exterior and 27-gauge interior steel skins. Filled with foamed-in-place CFC[7] free polyurethane to better safeguard against the elements and add structural rigidity to an already durable model.

For additional information, please see numbered footnotes on page 33.

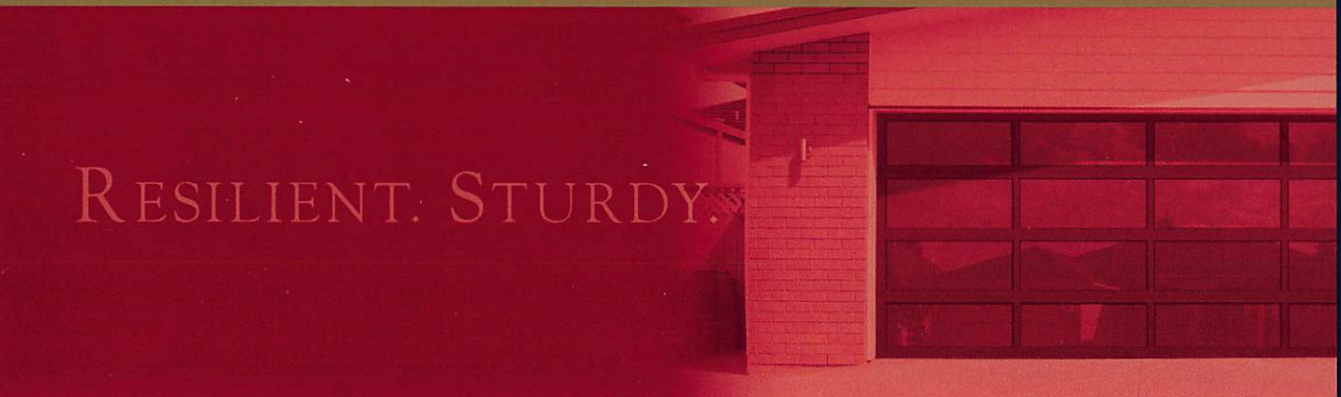
# ALUMINUM FULL-VIEW DOOR

A dramatic statement, made to fit your contemporary residential application. The 3295 Series full-view door from C.H.I. perfectly blends the raw industrial look of aluminum with a clean architectural design. The aluminum can be powder-coated nearly any color, with several glazing options, to create the perfect door to accent your home.

***Pictured.*** 16' x 7' **3295** powdercoated dark bronze with optional tinted windows



8' x 7' **3295** anodized aluminum with 1/8" plain glass and optional aluminum panels in bottom section




## MODEL 3295 Full-View Aluminum Door

FEATURES

- Stylish 2" aluminum stiles with a tongue-and -groove rail frame construction provides a superior joint strength
- 4" top and bottom rail and 2" intermediate rails create additional perimeter strength
- Extrusions feature a closed construction for a rigid frame
- Available in clear anodized or white - optional powdercoating available in a multitude of colors
- Hidden through-bolt assembly insures maximum structural integrity
- Optional aluminum panels may be specified to create solid sections and are available as insulated or non-insulated
- Glazing options are 1/8" (DSB or tempered) plain, tinted or frosted, 1/8" polycarbonate; 1/4" (tempered) plain, tinted or frosted; 1/2" (insulated or tempered insulated) plain, tinted, frosted or low E
- 1/8" plain glass is standard
- Each full-view section utilizes white and gray retainers and are painted to match all powdercoated doors
- Heavy-duty 14 gauge hinges offer stability and longer life
- Long-lasting 10 ball rollers assure consistent, efficient operation
- Bottom U-shaped astragal is standard

**DOOR CONSTRUCTION**

This model features closed-constructed aluminum extrusions, assembled with hidden through-bolts for maximum structural rigidity.

For additional information, please see numbered footnotes on page 33.

# ACCENTS PLANKS

Guaranteed to be the focal point of any home or business, the C.H.I. micro-grooved door, available in accents planks, is exceptionally versatile as it is beautiful. The clean, simple lines of the grooves allow this door to easily blend in with traditional or contemporary styles.

***Pictured.*** 16' x 7' **3285P** in dark oak

These models are also available in C.H.I. OVERHEAD DOORS WINDBREAKER SERIES and iSeries IMPACT APPROVED DOORS

9' x 7' **3216P** light oak with optional right stacked plain windows

CONTEMPORARY. VERSATILE.

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|---|---|
| **MODEL 3285P** | Polystyrene, R-value[1] - 10.29 |
| **MODEL 3216P** | Polyurethane, R-value[1] - 17.54 |

FEATURES

- 2" door sections are formed from 26-gauge exterior and 27-gauge interior galvanized draw quality steel
- Features four evenly spaced micro-grooves that run horizontally across each section
- **Model 3285P** includes 1-13/16" CFC[7] free polystyrene insulation, while the **Model 3216P** includes a high-density CFC[7] free polyurethane injected core and is thermally broken for optimum weather protection
- Glazing options include plain, obscure, tinted, glue chip, frosted, seeded, newport, hampton, lasalle and florence with five optional insert designs
- Accents Planks available in cedar, mahogany, dark oak and light oak
- Accents Logos is available as an option for interior applications
- Long-lasting durable rollers assure consistent, efficient operation
- Heavy-duty 14-gauge hinges with "wide body" pattern for greater stability and longer life
- R-value[1] for the **Model 3285P** - 10.29
  R-value[1] for the **Model 3216P** - 17.54

**DOOR CONSTRUCTION**

(A) **3285P** utilizes a 1-13/16" CFC[7] free polystyrene insulation glued on both sides between 26-ga. exterior and 27-ga. interior skins, (B) **3216P** employs a high-density CFC[7] free polyurethane injected core with a 26-ga. exterior and 27-ga. interior skins and is thermally-broken for added weather protection.

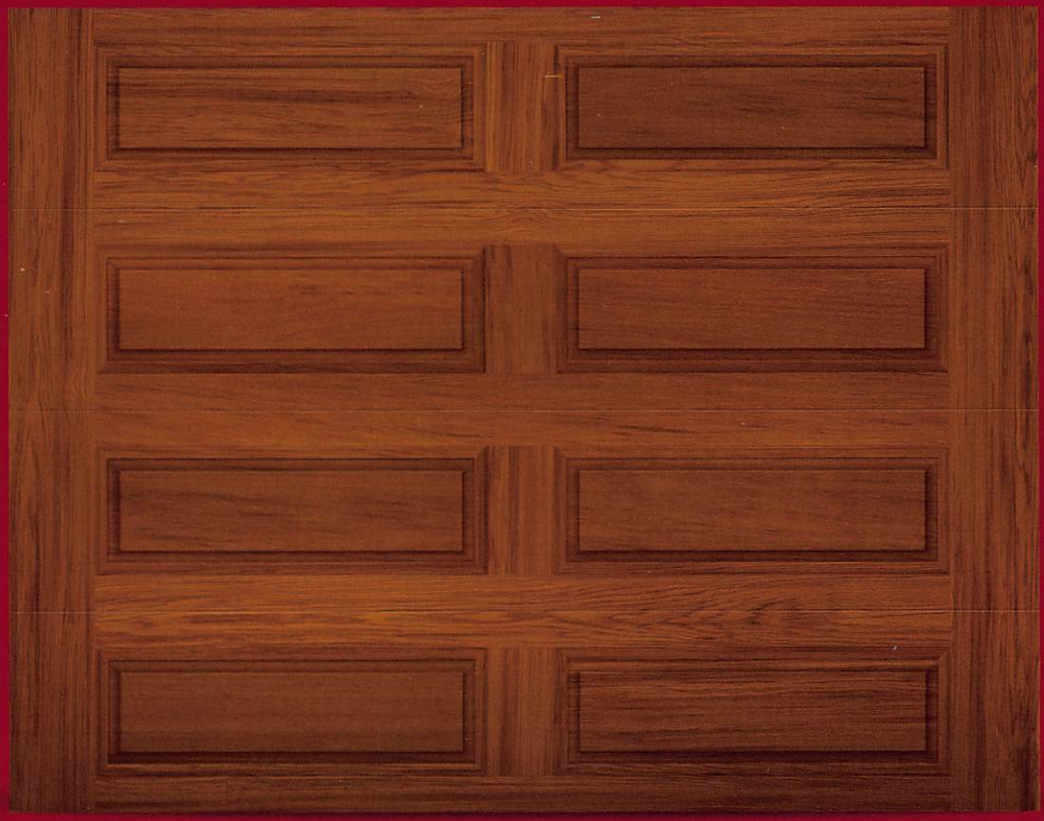
For additional information, please see numbered footnotes on page 33.

# THERMALLY-BROKEN, POLYURETHANE CORE SANDWICH DOOR

This exceptional line of garage doors incorporates a thermally-broken section design for superior weather protection. A 27-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 eight 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

These models are also available in C.H.I. OVERHEAD DOORS WINDBREAKER SERIES



9' x 7' **4216** in optional cedar accents woodtones

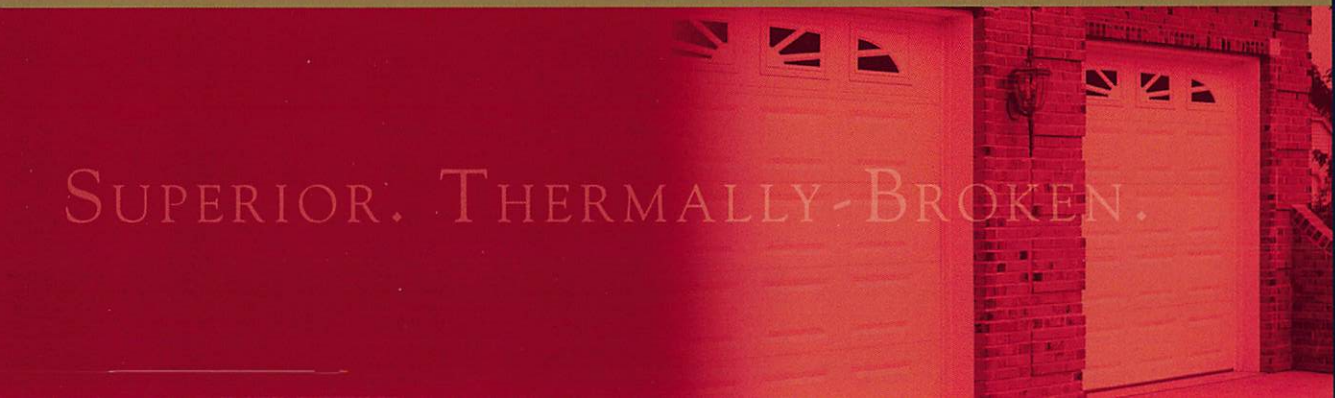
| | |
|---|---|
| **MODEL 2216** | Short Panel, Polyurethane, R-value[1] - 17.19 |
| **MODEL 2217** | Flush, Polyurethane, R-value[1] - 17.54 |
| **MODEL 4216** | Long Panel, Polyurethane, R-value[1] - 17.19 |

FEATURES

- Door exterior sections are formed from 27-gauge galvanized draw quality steel and the interior is 27-gauge steel
- High-density CFC[7] free 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
- Colors[3] available in your choice of white, almond, sandstone, brown, evergreen, bronze, desert tan, or black
- Accents Woodtones in cedar, dark oak, light oak and mahogany are available for **Models 2216/4216** as an optional exterior application
- Optional Endurance and Appearance Package[4] upgrades available
- *MLB™* Accents, Accents Images and Accents Logos are available for **Models 2216/4216** as an option for interior applications
- *MLB™* Accents, Accents Images and Accents Logos are available for **Model 2217** as an option for interior/exterior applications
- Glazing options include plain, obscure, tinted, glue chip, frosted, hawthorne, somerset, newport, hampton, temple and florence with a variety of optional insert designs
- Thermally-broken for optimum weather protection
- A continuous weather seal at the section joint assures maximum protection from the elements
- R-value[1] for the **Models 2216/4216** - 17.19
  R-value[1] for the **Model 2217** - 17.54

### DOOR CONSTRUCTION

These models utilize 27-gauge exterior and 27-gauge interior steel skins injected with CFC[7] free polyurethane insulation. The thermally-broken tongue-and-groove section joint includes a continuous weather seal offering exceptional protection from the elements.

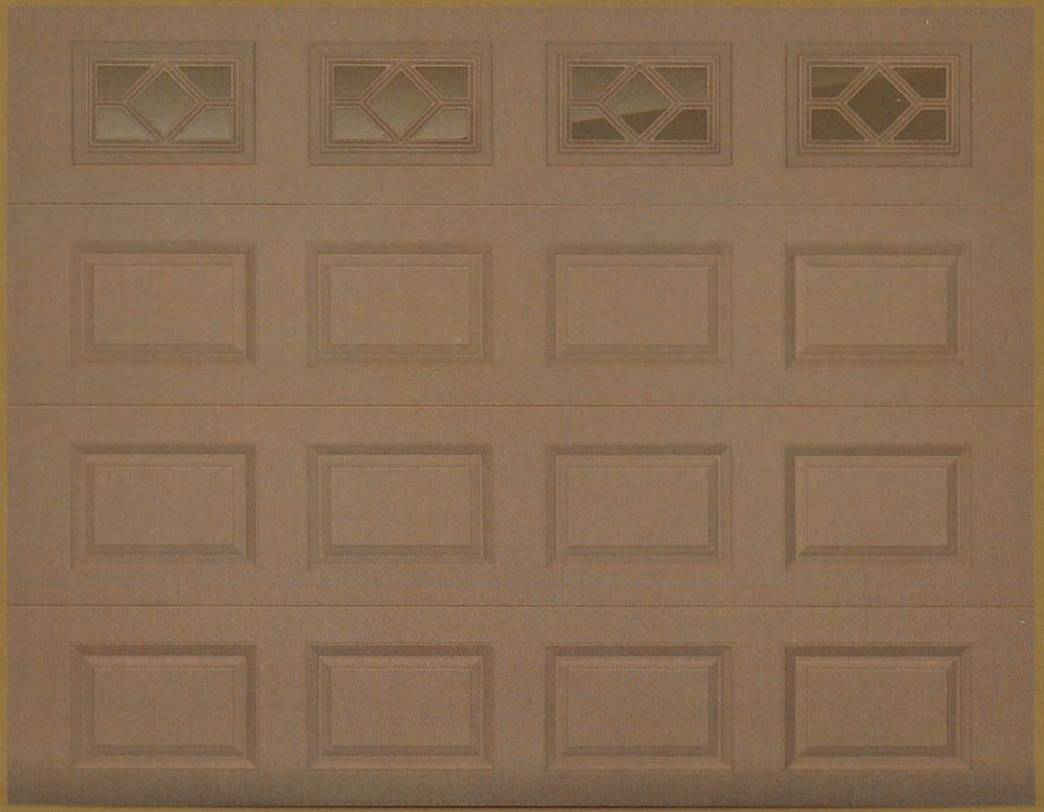



For additional information, please see numbered footnotes on page 33.

# THERMALLY-BROKEN, 1-1/2" POLYURETHANE CORE SANDWICH DOOR

These exceptional residential garage doors takes performance and design right to the edge. Architectural elements such as beveled edges give style and substance to a classic profile. It also incorporates a thermally broken section design for superior weather protection, an ideal feature on garage overhead doors.

***Pictured.*** 2, 9' x 7' **4206** almond with optional stockton window inserts



9' x 7' **2206** sandstone with optional waterton inserts

CLASSIC. DEFINITION.

| | |
|---|---|
| **MODEL 2206** | Short Panel, Polyurethane, R-value[1] - 13.40 |
| **MODEL 4206** | Long Panel, Polyurethane, R-value[1] - 13.40 |

FEATURES

- Door exterior sections are formed from 28-gauge galvanized draw quality steel and the interior is 28-gauge steel
- High-density 1-3/8" CFC[7] free 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
- Colors[3] available in your choice of white, almond and sandstone
- Optional Endurance and Appearance Package[4] upgrades available
- Glazing options include plain, obscure, tinted, glue chip, frosted, hawthorne, somerset, newport, hampton, temple and florence with a variety of optional insert designs
- Thermally-broken for optimum weather protection
- A continuous weather seal at the section joint assures maximum protection from the elements
- R-value[1] for the **Models 2206/4206** - 13.40

**DOOR CONSTRUCTION**

These models utilize 28-gauge exterior and 28-gauge interior steel skins injected with 1-3/8" CFC[7] free polyurethane insulation. The thermally-broken tongue-and-groove section joint includes a continuous weather seal offering exceptional protection from the elements.

For additional information, please see numbered footnotes on page 33.

# RAISED PANEL/FLUSH SANDWICH DOOR

An attractive, select model engineered for durability and energy efficiency. These models are available in 8 pre-painted, easy to care for colors, with an insulated core that protects through the harshest conditions. The beauty of this door is continued on the inside with polyester coated steel protection. Designed to complement a wide variety of home styles, this model will provide many years of dependable service.

***Pictured.*** 3, 9' x 8' **2283** white with optional plain glass

These models are also available in C.H.I. OVERHEAD DOORS WINDBREAKER SERIES

9' x 7' **2284** gray with optional hampton designer lites

| | |
|---|---|
| **MODEL 2283** | Raised Panel, Polystyrene, R-value[1] - 9.65 |
| **MODEL 2284** | Flush Panel, Polystyrene, R-value[1] - 10.29 |
| **MODEL 4283** | Long Panel, Polystyrene, R-value[1] - 9.65 |

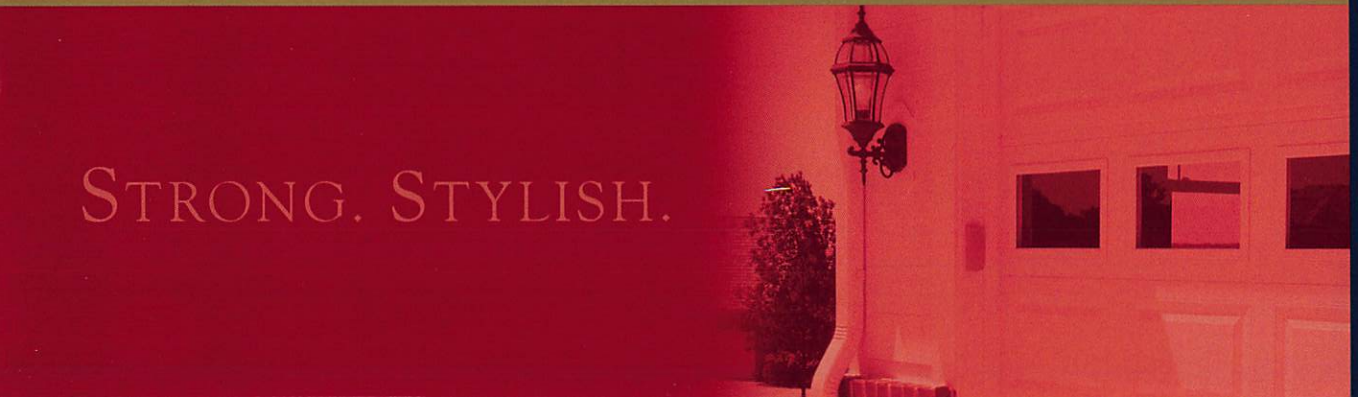
FEATURES

- 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
- Colors[3] available in your choice of white, almond, sandstone, brown, evergreen, bronze, gray or desert tan
- Glazing options include plain, obscure, tinted, glue chip, frosted, hawthorne, somerset, newport, hampton, temple and florence with a variety of optional insert designs
- Optional Endurance and Appearance Package[4] upgrades available
- *MLB™* Accents, Accents Images and Accents Logos are available for **Models 2283/4283** as an option for interior applications
- *MLB™* Accents, Accents Images and Accents Logos are available for **Model 2284** as an option for interior/exterior applications
- 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
- R-value[1] for the **Models 2283/4283** - 9.65
  R-value[1] for the **Model 2284** - 10.29

## DOOR CONSTRUCTION

These models utilize 27-gauge exterior and 27-gauge interior steel skins. CFC[7] free 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 footnotes on page 33.



# 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

These models are also available in C.H.I. OVERHEAD DOORS WINDBREAKER SERIES

9' x 7' **4240** evergreen with optional mission window inserts

| | |
|---|---|
| **MODEL 2240** | Short Panel, Non-insulated |
| **MODEL 2241** | Short Panel, Polystyrene, R-value[1] - 7.94 |
| **MODEL 4240** | Long Panel, Non-insulated |
| **MODEL 4241** | Long Panel, Polystyrene, R-value[1] - 7.94 |

FEATURES

- 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
- Colors[3] available in your choice of white, almond, sandstone, brown, or evergreen
- Glazing options include plain, obscure, tinted, glue chip and frosted with a variety of optional insert designs
- 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" CFC[7] free polystyrene insulation with a vinyl back cover
- R-value[1] for the **Models 2241/4241** - 7.94

**2241/4241 DOOR CONSTRUCTION**

These models utilize 24-gauge exterior steel skin with 1-3/8" thick CFC[7] free polystyrene foam insulation with a vinyl back cover. Steel end and intermediate stiles are held firmly in place by a tab-loc system, creating increased strength and rigidity.

For additional information, please see numbered footnotes on page 33.

# 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.*** 16' x 8' **2251** sandstone with optional stockton windows
9' x 8' **2251** sandstone with optional stockton windows

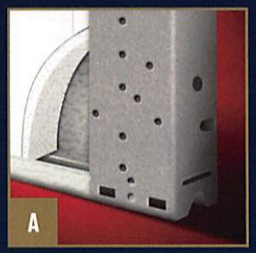
These models are also available in C.H.I. OVERHEAD DOORS WINDBREAKER SERIES

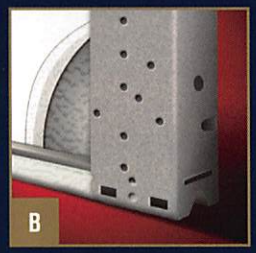
9' x 7' **2255** white with optional cathedral window inserts

| | |
|---|---|
| **MODEL 2250** | Short Panel, Non-insulated |
| **MODEL 2251** | Short Panel, 1-3/8" Polystyrene, R-value[1] - 7.94 |
| **MODEL 2255** | Short Panel, 9/16" Polystyrene, R-value[1] - 3.56 |
| **MODEL 4250** | Long Panel, Non-insulated |
| **MODEL 4251** | Long Panel, 1-3/8" Polystyrene, R-value[1] - 7.94 |
| **MODEL 4255** | Long Panel, 9/16" Polystyrene, R-value[1] - 3.56 |

FEATURES

- 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
- Colors[3] available in your choice of white, almond, sandstone, brown or desert tan
- Glazing options include plain, tinted, obscure, glue chip and frosted with a variety of optional insert designs
- **Models 2251/4251** include 1-3/8" CFC[7] free polystyrene insulation with a vinyl back cover
- **Models 2255/4255** include 9/16" CFC[7] free polystyrene insulation with a vinyl back cover
- R-value[1] for the **Models 2251/4251** - 7.94
  R-value[1] for the **Models 2255/4255** - 3.56




**DOOR CONSTRUCTION**

(A) **2251/4251** utilizes a 1-3/8" thick CFC[7] free polystyrene insulation, while models (B) **2255/4255** employ a 9/16" thick CFC[7] free polystyrene insulation with vinyl back cover. Each model utilizes a 25-gauge exterior steel skin. Steel end and intermediate stiles are held firmly in place by a tab-loc system, creating increased strength and rigidity.

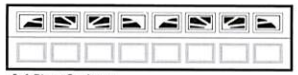
For additional information, please see numbered footnotes on page 33.

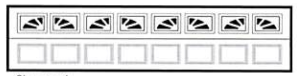
## STANDARD WINDOW DESIGN TRIMS

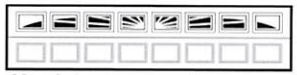
C.H.I. offers numerous insert designs that add distinction to any home. The convenient interchangeable inserts allow you to transform the look of your door instantly by simply switching insert patterns. Inserts are U.V. protected and are available in all door colors. The inserts can also be painted to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

### SHORT PANEL

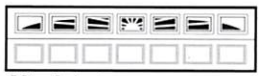
2240-41 / 2250-51-55 / 2283-84 / 2216-17 Series

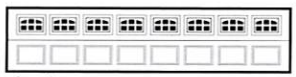

2-4 Piece Sunburst

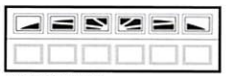

Sherwood

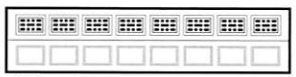

8 Piece Sunburst

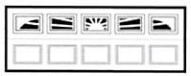
Stockton

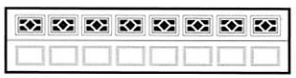

7 Piece Sunburst


Cascade


6 Piece Sunburst


Mission


5 Piece Sunburst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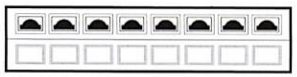
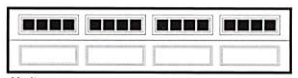
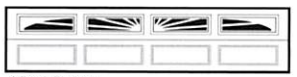

Cathedral

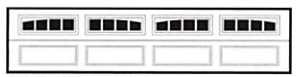
### LONG PANEL

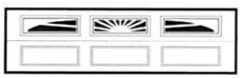
4240-41 / 4250-51-55 / 4283 / 4216 Series

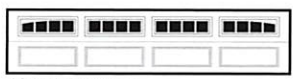
2-2 Piece Sunburst

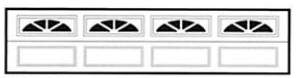

Madison

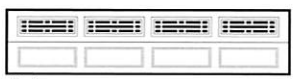

4 Piece Sunburst


2-2 Piece Arched Madison


3 Piece Sunburst


4 Piece Arched Madison


Sherwood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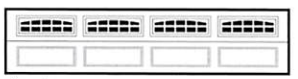
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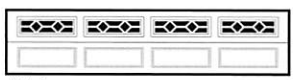
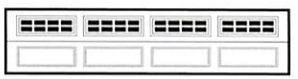
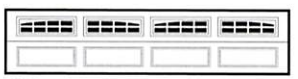
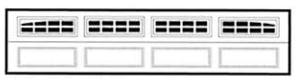

Waterton

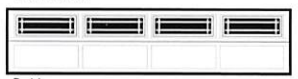

Stockton

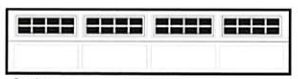

2-2 Piece Arched Stockton

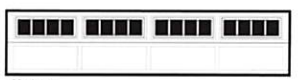

4 Piece Arched Stockton

### RECESSED LONG*

2294 Series

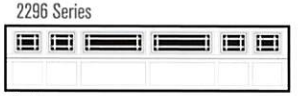

Prairie

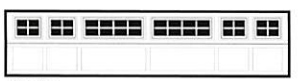

Stockton

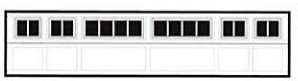

Madison

### RECESSED COMBO*

2296 Series

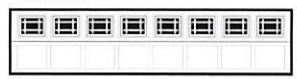

Prairie

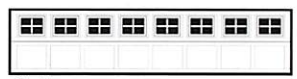

Stockton

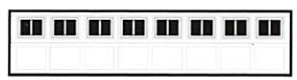

Madison

### RECESSED SHORT*

2298 Series


Prairie

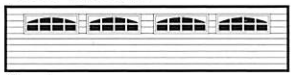

Stockton


Madison

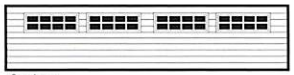
*Window designs utilize vinyl dimensional grilles applied to the exterior of glass.

## ACCENTS PLANKS*

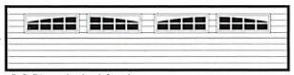
3285P / 3216P Series



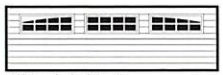
Cascade



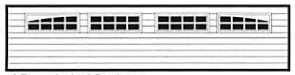
Stockton



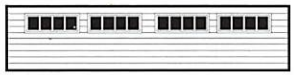
2-2 Piece Arched Stockton



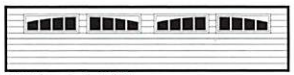
3 Piece Arched Stockton



4 Piece Arched Stockton



Madison



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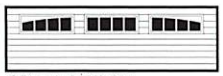
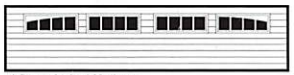


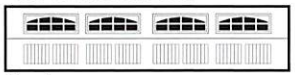
3 Piece Arched Madison



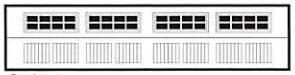
4 Piece Arched Madison

## ALL-METAL SHORT PANEL

5250-51 / 5283 / 5216 Series



Cascade

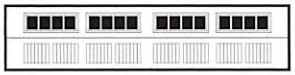


Stockton

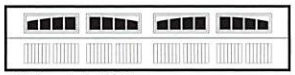
2-2 Piece Arched Stockton

3 Piece Arched Stockton

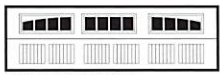
4 Piece Arched Stockton



Madison



2-2 Piece Arched Madison



3 Piece Arched Madison

4 Piece Arched Madison

## ALL-METAL LONG PANEL

5950 / 5983 / 5916 Series

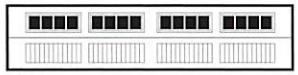
Cascade

Stockton

2-2 Piece Arched Stockton

3 Piece Arched Stockton

4 Piece Arched Stockton



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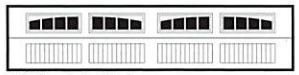
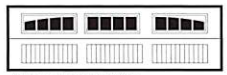
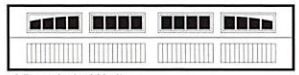


2-2 Piece Arched Madison



3 Piece Arched Madison



4 Piece Arched Madison

## SANDWICH OVERLAY SINGLE

5300 / 5400 / 5500 / 5600 / 5700 / 5800 Series

Stockton

2-2 Piece Arched Stockton

4 Piece Arched Stockton

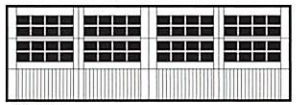
Madison

2-2 Piece Arched Madison

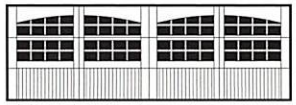
4 Piece Arched Madison

## SANDWICH OVERLAY DOUBLE

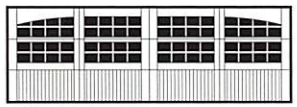
5300 / 5400 / 5500 / 5600 / 5700 / 5800 Series



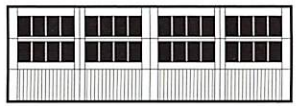
Stockton



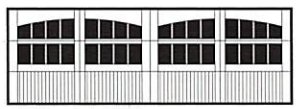
2-2 Piece Arched Stockton



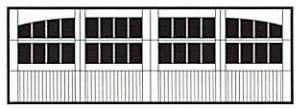
4 Piece Arched Stockton



Madison



2-2 Piece Arched Madison

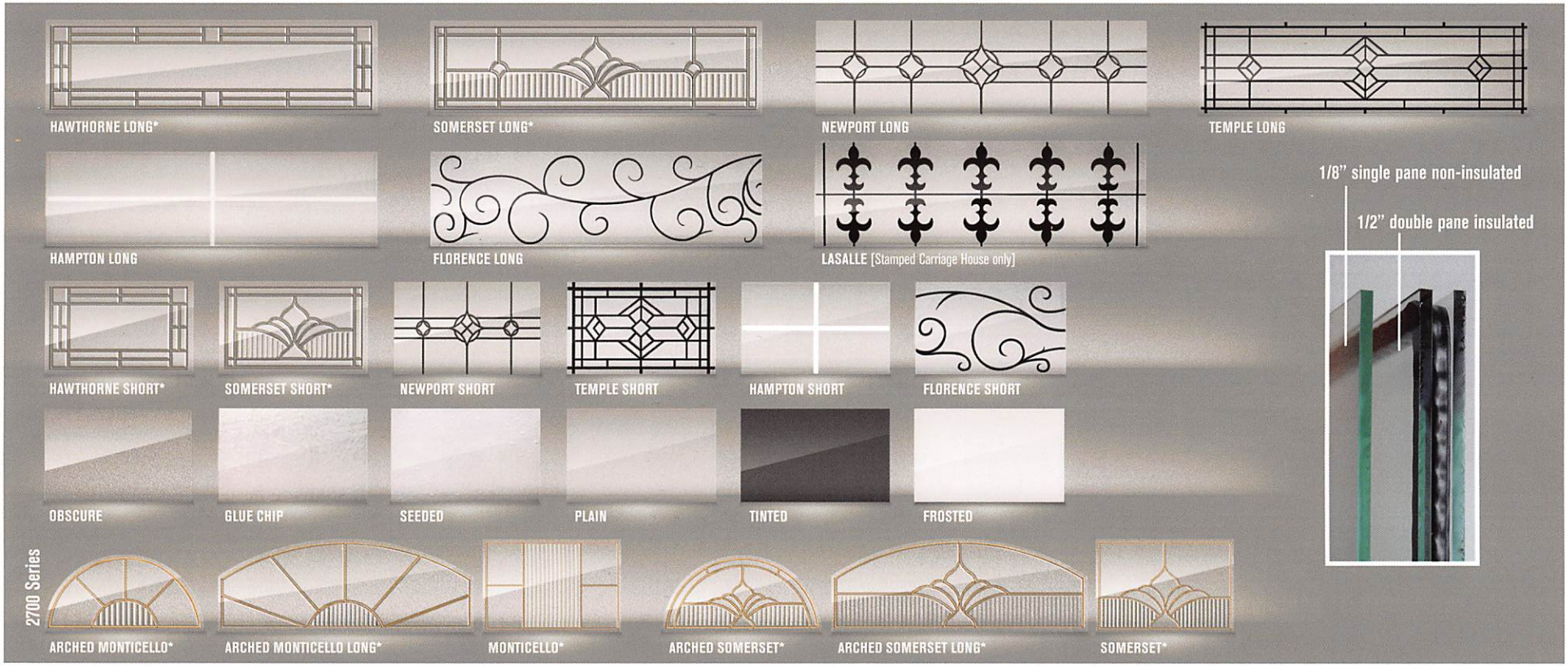


4 Piece Arched Madison

## RESIDENTIAL DOOR FEATURES All features are not available on all models.

For additional information, please see numbered footnotes on page 33.

### GLAZING OPTIONS[5].




*Caming is available in either: Brass Platinum

### COLOR SELECTIONS[6].

The color selections have been matched as closely as possible. Colors shown may vary due to reproduction and printing processes. Refer to samples at your local C.H.I. Overhead Doors Distributor for exact color match.

**SOLID**

**WOODTONES**

## APPEARANCE AND ENDURANCE PACKAGES

**Appearance Package.** All hardware (excluding torsion shafts, drums, springs and cables), track and struts are 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 2216/4216, 2217, 2283/4283, 2284, 2298/2296/2294/2294 flush, 5216/5916, 5283/5983, and 2701/2702/2703/2751/2752.

**1.** Track **2.** Strut **3.** Top fixture and white 10 ball nylon roller **4.** Inside step plate/handle **5.** Bottom fixture with white 10 ball nylon roller **6.** End hinge with white 10 ball nylon roller **7.** Lift handle

C.H.I. OVERHEAD DOORS WINDBREAKER SERIES

IMPACT APPROVED DOORS iSeries IMPACT APPROVED DOORS

Wind can be unpredictable and destructive. This is why C.H.I. Windbreaker Series and iSeries doors are designed, tested, and built to the most rugged specifications. Wind chamber tested to ensure wind-load resistance, these extra-sturdy designs provide enhanced defense against the elements.

C.H.I. Overhead Doors developed the resilient Windbreaker Series garage doors to protect against high wind conditions. The super-resilient C.H.I. iSeries Impact Approved doors have strength designed to withstand direct collision of projectiles and other windborne debris at high speeds.

DOW C.H.I. Overhead Doors is pleased to use DOW® insulation products in our urethane core garage doors.

## LIMITED LIFETIME WARRANTY

**SECTIONS.** C.H.I. Overhead Doors, Inc. ("C.H.I.") warrants 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.
- Series 5800, 5600, 5500 and 5300 carriage house doors are warranted for three (3) years.
  - Dark colors with a light reflectance value of less than 50% will void the warranty on series 5800, 5600, 5500, and 5300 doors except when using any color of Sherwin-Williams® VinylSafe™ paint.
- Series 5400 and 5700 wood carriage house doors are warranted for one (1) year.
  - Series 5400 and 5700 doors must be field painted according to C.H.I. painting instructions prior to installation.
  - 2700 Series and Accent Series factory applied finishes are warranted against defects in material and workmanship for a period of three (3) years from the time of purchase.
- 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, salt environments including coastal areas, 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.

## FOOTNOTES

1. R-value testing is in accordance with ASTM C518 standards 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 100% acrylic water based 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. All designer lites are either transparent or semi-transparent. 6. All color options are not available for all models. Refer to samples at your local C.H.I. Overhead Doors Distributor for exact color match. 7. Chlorofluorocarbon (CFC) free.

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

C.H.I. OVERHEAD DOORS

PLEASE VISIT OUR WEBSITE AT **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.

Catalog Number_RES-BG0905R18
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C.H.I. Overhead Doors
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Arthur, Illinois 61911
www.chiohd.com